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SPRING CATALOGUE OF 1904

SEEDS, PLANTS AND BULBS.

# SPRINGFIELD SEED COMPANY.

WHOLESALE AND RETAIL SEED MERCHANTS.

SPRINGFIELD, MO. U.S.A.

# Springfield Seed Company Seeds are Northern Grown Seeds.

It is with pleasure that we present you with our **1904 Catalogue of Garden, Field and Flower Seeds.**

It is a thoroughly established fact that the Gardener, Farmer, and Private Grower want only the best seeds. It is our constant aim to make highest quality the first consideration and then make our prices as low as good, pure, honest seed can be sold for. Beyond a question we are facing one of the shortest seed crops known in years.

On a few varieties, such as Beans, Corn, Cucumber, Muskmelon and Cabbage, the shortage is so great that there will undoubtedly not be enough stock to go around. We would, therefore, urge that our customers get their orders in early. We will undertake to reserve enough stock for our catalogue orders, but the demand is so great this year that the late orders on some varieties of seed may be disappointed.

The past season our trade has been larger than ever before, and the liberal patronage which has been given us in the past, and for which we wish to thank our friends. has been the means of enabling us to extend our business greatly. Our improved facilities for testing and cleaning seeds are better than heretofore. We are now even more determined than ever to give each of our customers such complete satisfaction that we shall secure their entire trade and retain it from year to year.

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## Special Offer on Flower and Vegetable Seeds in Packages Only by Mail Prepaid.

**Not in Ounces, 1-4 Lbs. or Pounds, but with All Orders We Send You Some Valuable Extras.**

| | | | |
|---|---|---|---|
| With Each $ .25 Order Select | 6 Five Cent Packets, a Profit of | $ .05. |
| With Each .50 Order Select | 12 Five Cent Packets, a Profit of | .10. |
| With Each 1.00 Order Select | 25 Five Cent Packets, a Profit of | .25. |
| With Each 2.00 Order Select | 50 Five Cent Packets, a Profit of | .50. |
| With Each 3.00 Order Select | 75 Five Cent Packets, a Profit of | .75. |
| With Each 4.00 Order Select | 100 Five Cent Packets, a Profit of | 1.00. |

**For Club Orders of $5.00, we offer a Premium of $1.50 in Seeds put up in packets or ounces, either Vegetable or Flower.**

**TERMS: Cash with order or C.O.D. at customer's expense.**

We guarantee the safe arrival of all goods, and if any shipment should fail to reach you in due time, please notify us and we will trace, and if lost, refill your order free of charge.

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## FIELD AND GRASS SEEDS.

We are issuing a Wholesale Price Card of Field and Grass Seeds, Onion Sets, Seed Potatoes, etc. These cards we mail regularly to Merchants only.

We keep you posted on the Field and Grass Seed Market. We will give you prompt service, and save you freight.

Merchants not receiving our Wholesale Price Card are requested to write for same.

Prices of Grass and Clover Seeds, Seed Grain, Seed Potatoes, and other Seeds are constantly fluctuating, and for this reason prices in a great many instances are not quoted. It will be a pleasure to us to quote prices at any time, and all orders entrusted to us will be filled at the lowest market price on date that order is received.

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## Disclaimer Adopted by the American Seed Trade Association.

Springfield Seed Company gives no warranty expressed or implied as to description, quality, productiveness or any other matter of any Seeds, Bulbs or Plants they send out, and they will not be in any way responsible for the crop.

If the purchaser does not accept the goods on these terms they are at once to be returned.

**SPRINGFIELD SEED COMPANY.**

# NOVELTIES IN FIELD AND VEGETABLE SEEDS FOR 1904.

Penciliaria.

**We are not listing any so-called new novelties, but offer a few comparatively new varieties that have been thoroughly tried and that we feel we can safely recommend to our friends as valuable and that deserve at least sufficient space in your field and garden for a trial.**

## PENCILARIA.

Two years ago when Pencilaria was first introduced to the farmers of this country there were many who looked incredulous at the statements of its wonderful productiveness, but still it created a great deal of interest and many farmers in all parts of the United States gave it a trial. It proved wonderfully satisfactory everywhere, as it is without parallel in productiveness. It grows in all kinds of soil and climates and everywhere pleases and astonishes those who have not previouely seen it grow. The stalk grows to a height of 12 to 14 feet and is covered with juicy leaves which is quite similar to Indian Corn in appearance. All kinds of claims are made as to its immense productiveness. In fact some authorities state that as high as 70 tons of hay or fodder per acre has been produced by this wonderful plant. The seed is usually sown in drills 24 to 36 inches apart, dropping three or four seed to each foot of row. In this way 1 lb. will sow an acre of ground. It should be cultivated as soon as up. It is seldom necessary to cultivate it the second time, as the plants grow so rapidly that it soon takes care of itself and quickly smothers out all weeds. Price, per oz., 10c, ¼ lb., 20c; ½ lb., 35c; lb., 65c, postpaid. Write for special prices in larger quantities.

## TURNIP RADISH.

**Crimson Giant Forcing**—This new variety was introduced into this country from Europe last season by one of the leading seed growers in Germany Are confident that Crimson Giant Forcing is a great Radish for a market gardener and believe it should be included in every seed order this spring. It is an entirely new type and differs radically from all the varieties hitherto in cultivation, in so far as its roots attain more than double size of those of other forcing varieties without getting pithy or hollow. new Giant Radish develops roots of six to seven inches in circumference ver an ounce in weight, their pure white flesh remaining firm and Crisp the mildest flavor. But notwithstanding the extraordinary size and t of its bulbs, it is second to none as a forcing variety. We can recommend this new variety as an article of undoubted excellence. It will soon become widely popular and is certain to take a leading place among the standard s of Radish. Price, per pkt., 15c; oz., 25c; ¼ lb., 75c; lb, $2.50, postpaid.

Crimson Giant Forcing Radish.

**NEW SOUTHERN WATERMELON—Alabama Sweet.**

Alabama Sweet.

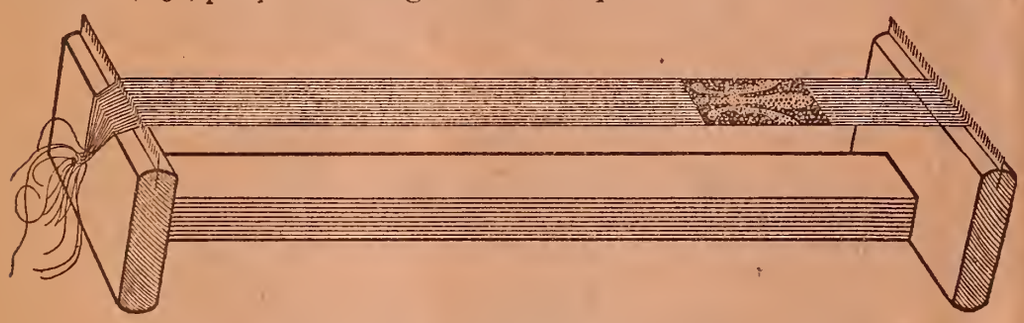
Here is a Melon that we believe you want. This Melon was brought out as a novelty some few years ago. It has been thoroughly tried and is fast becoming one of the most popular early Melons in the South, where they are raised for the early market. Its chief merit lies in its extreme earliness and delicious eating qualities. Southern truckers claim that it is at least two weeks earlier than any other sort and attains a size which no other extra early Melon has herstoforeequaled. It is a long, dark green in color and the flesh a rich dark crimson. Our seed is direct from the originator. A number of our local truckers tried this Melon last year and are greatly pleased with it. Oz., 15c.; ¼ lb., 50c.; lb., $1.75, postpaid.

## RAFFIA WEAVING AND BASKET MAKING.

The latest novelty in art needlework. Interesting, pleasant, profitable. Easily learned. No end to the useful and beautiful things that are made with Raffia. For many years Raffia has been known and used because of its toughness, as a valuable material for bunching vegetables and tying up plants, etc. It now also used in large quantities in public and private schools for making baskets and other articles, because of its educational value to teach form and applied design and to develop the creative power of the child. Raffia weaving is easily learned and is a very interesting pastime. It requires no special tools. Any one may become expert in Raffia weaving in a short time.

Raffia and Reed Baskets Made by Pupils of Weaver School, Spring[illegible] Under Instruction of Miss Chance.

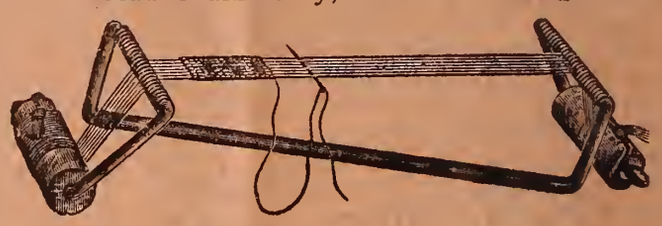
Raffia is cheaper than cotton, wool and linen as a material for designs upon fabrics. A 10 or [illegible]-old child may readily sketch on a piece of burlap or other loose woven goods a design of his own for Sofa [illegible]llows, Table Covers, Mats, Rugs, etc. We have all colors. Natural Raffia, per lb, 35c. Colored Raffia, per lb, 75c. Per bunch, 15c, postpaid. **Large Tube Rope** is well suited for intermediate grades as a foundation for making Raffia Baskets. Per lb, 25c, postpaid. More advanced work in Baskets may be produced by sewing Raffia over **Reed.** This is especially interesting for adults. Reed is also used alone in Basket making. We have sizes from No. 1 to No. 5, both inclusive. Per bundle, 25c, postpaid.



Bead Loom, 20c, postpaid.

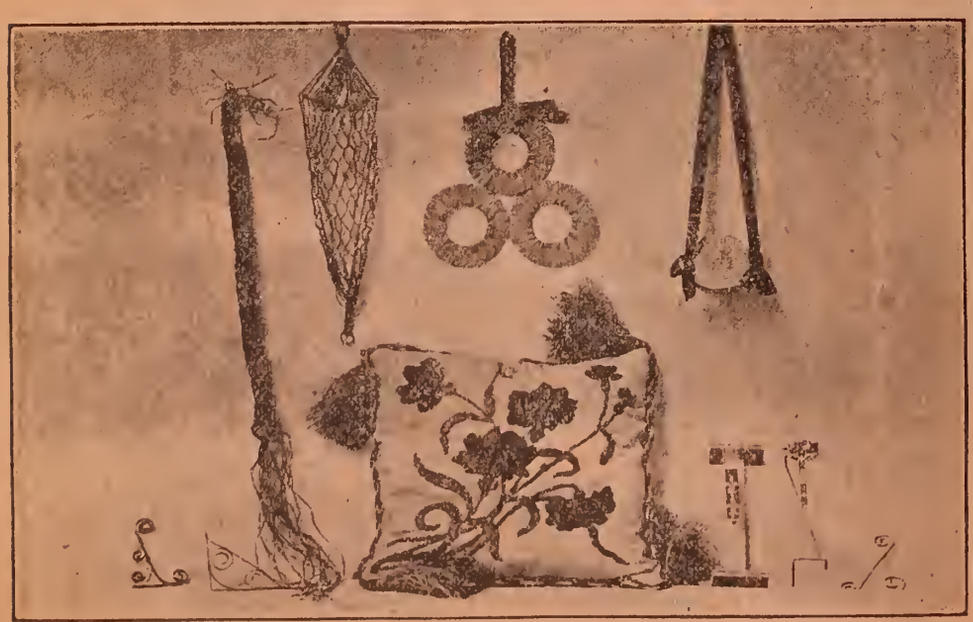
## INDIAN BEADS.

Indian Bead Work is no longer a fad. It is a craise that extends over the large cities of the entire United States, and is rapidly finding its way to the small towns and villages. At first it was used on bead chains only, then on belts, girdles, fobs, sofa pillows, bags, purses, picture frames, lamp shades, collars, toilet sets, bracelets, dress trimmings and many other articles for personal and parlor decorations. We have all colors. Chalk white, crystal, pearl, pea green, opalescent, emerald, light green, olive, terra cotta, heliotrope, lavender, light turquoise, dark turquoise, purple, royal blue, navy blue, sky blue, medium blue, canary, orange, brown and black. Per bunch 80 6-in. strings, 30c, postpaid. High colors. Pink, light ruby, dark ruby, dark amber, light amber. Bunch 80 6-in. strings, 35c, postpaid.



Bead Loom, 30c, postpaid.

Silver and gold lined, red and coral. Per bunch, 25c, postpaid.



Novelties in Raffia, Beads and Bent Iron.

## LESSONS ON BASKET-MAKING.

Lessons by Miss Alena A. Chance at our store Saturdays from 9 a. m. to 5 p. m. on Basket Making in various forms, fancy knot work, sofa pillows and ropes, Indian bead work, rugs, whittling sloyd, clay moulding, Indian and Greek forms of pottery, pyrography and Venetian or Bent Iron Work. Single lesson, 50c; four lessons for $1.00.

ANNUAL 1904 CATALOGUE

# Springfield Seed Company

320-322 WEST WALNUT ST., SPRINGFIELD, MO.

**Wholesale and Retail Dealers, Growers and Importers of Vegetable, Flower and Field**

# SEEDS & BULBS

**Onion Sets, Cut Flowers, Etc.**

# VEGETABLE SEEDS

WITH GENERAL DIRECTIONS FOR CULTIVATION

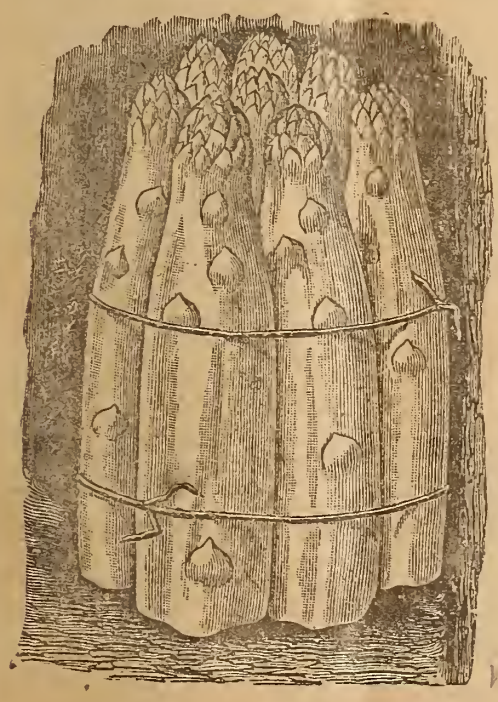
## ARTICHOKE (Trüffel)

CULTURE—Sow in hotbeds in February or March and transplant so as to give plenty of room until danger of frost is over. Then set in very rich, well drained soil in rows four feet apart and two feet apart in the row. The plants can be raised in seed beds out of doors, but in that case will not be likely to produce heads the first year. The plant we offer is the true artichoke which is a very popular vegetable in Europe. In it the edible portion is the thickened scales at the base of the flower heads or buds. The plant is very different from what is known in America as Artichoke, or Jerusalem Artichoke, in which the edible portion is the tuber. Late in the fall cut off the old tops and thoroughly protect the crowns with leaves or straw to prevent severe freezing. The second year thin the starting shoots to three of the best, which will commence to form heads about July 1st. The plants may also be blanched like Cardoons. This is accomplished by cutting back in July the stems close to the ground; the rapidly growing shoots which then start up may be tied and blanched like celery. As Artichoke plants do not yield satisfactorily after three or four years, it is best to start a new plantation as often as once in three years.

**Large Globe, or Paris**—The best sort for general use. Buds large, nearly round; scales pale green, shading to violet at the base, very thick and fleshy. Pkt. 5c., Oz 40c., 2 Oz. 75c., ¼ lb. $1.25, lb. $4.00.

**ARTICHOKE ROOTS**—These are an entirely different plant from the above and are used mainly for stock food. The greatest hog food known. One acre will keep from 20 to 30 head in fine condition, from October to April. The tubers somewhat resemble Potatoes. Pk. 40c., bushel $1.25.

Large Globe Artichoke



Columbia Mammoth White Asparagus.

## ASPARAGUS (Spargel)

One ounce will sow forty feet of drill.

Asparagus is so easily grown and such a large quantity is produced on a small amount of ground, that every garden should contain a bed. A bed ten feet square, requiring 50 plants, will give an abundant supply for any ordinary family. Soak the seed 24 hours in tepid water, sow early in the Spring, in rows a foot apart. Keep clean by frequent weeding and hoeing.

**Conover's Colossal**—A mammoth sort, frequently sending up fifteen to thirty sprouts from one to one and a half inches in diameter from a single plant, and spreading less than most sorts. Color deep green; quality good. Pkt, 5c.; oz., 10c.; ¼ lb., 15c.; lb., 50c.

**The Palmetto**—This variety is earlier than others, a better yielder, more even and regular in growth, and is fast becoming the favorite sort everywhere. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

**Columbia Mammoth White**—An entirely new and magnificent variety of asparagus, which is sure to be in great demand, because it furnishes white shoots which stay white as long as fit for use without earthing up or any other artificial blanching, and because it can be absolutely depended on to give 80 to 90 per cent white plants from seed. There is no question but this is the greatest advance of the last quarter century in asparagus improvements, and no grower can afford to be without it. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 80c.—Postpaid.

**ASPARAGUS ROOTS** (Spargel-Wurzeln.)—Strong, two-year-old Roots. 75c. per 100; $6.00 per 1,000. Freight or express.

# DWARF SNAP, or BUSH BEANS.

(Buſch-Bohnen.)

**Early Refugee, or Thousand to One**—Most prolific green podded sort, thick and fleshy. This variety comprises the two qualities of being extra early and very productive; very valuable for pickling. Per pkt., 10c.; pt., 25c.; qt., 40c. postpaid.

**Early Mohawk**—A standard early variety. A hardy, vigorous grower; yields heavy and especially adapted for poor land. Per pkt, 10c.; pt., 25c.; qt., 40c., postpaid.

**White Marrow**—Similar to the White Navy, but larger. Pkt., 10c.; pt., 25c.; qt., 40c., postpaid.

**Best of All, Green Pod**—The pods are six inches long, very fleshy, succulent, stringless, and of very rich flavor. They are produced early and abundantly. Altogether it is one of the most valuable green podded Beans for market or family use. Pkt., 10c.; pt.; 25c.; qt., 40c., postpaid.

**Early Long Yellow Six Weeks**—Pods when young are long and of excellent quality. A standard early sort for general crop. Has full flat pods. Pkt., 10c.; pt., 25c.; qt., 40c., postpaid.

**Burpee's Stringless Green Pod**—This is a strong grower, produces immense loads of pods; as early as any Bean in existence. It is not only an excellent Bean for market, but is also one of the very best for the home table. Pods are long, straight, round, very fleshy, entirely stringless, and of the finest quality. It is earlier than Extra Early Red Valentine. Pkt., 10c.; pt., 25c.; qt., 40c, postpaid.

Burpee's Stringless Green Pod.

Giant Stringless Green Pod Valentine.

There is no question but what we will experience one of the greatest famines in Seed Beans known for years. From 20 to 40 per cent. seems to be an average yield on Seed Beans this season. We cannot guarantee the prices quoted on Beans herein except for early orders.

**Improved Early Red Valentine**—A select strain of Early Red Valentine, ripening very uniformly and producing enormously; pods tender and succulent; the most profitable sort for the gardener; ready to pick in 35 days. Per pkt., 10c.; pt., 25c; qt., 40c. Postpaid.

**Horticultural Dwarf**—Excellent quality as a shell Bean, either green or dry; equal to the pole Bean, easier to cultivate. Sometimes called the Boston Favorite. Pkt., 10c.; pt., 20c.; qt., 35c., postpaid.

**Round Six Weeks** (Improved Round Pod)—Similar to the Long Yellow Six weeks in habit of growth and season of maturity, but the seed and the pod are round, and in quality it is superior. Pkt., 10c.; pt., 25c.; qt., 40c., postpaid.

**Giant Stringless Green Podded Valentine**—The pods of this new variety resemble the well-known Early Valentine. They are fully one-third larger, and the crop is borne as early or earlier than this variety. The plants are of robust growth, pods 5 to 6 inches in length, of light green color, slightly curled and very meaty and stringless. A most excellent sort for either market garden, or family use. Pkt., 10c.; pt; 25c.; qt., 40c., postpaid.

**White Kidney or Royal Dwarf**—A superior kind for baking, and is also excellent when shelled green. Pkt., 10c.; pt., 20c.; qt , 35c., postpaid

**Early China Red Eye**—An old standby. Very early. Pkt., 10c.; pt., 20c.; qt., 35c, postpaid.

**Improved Goddard**—Vines large, much branched, erect, forming a large bush; leaflets large crimped, bright green; pods large, long, flat, usually curved; green when young, but as the beans become fit for use are splashed and striped with crimson. Green Beans very large, splashed with red and of fine quality. Seed marked like Dwarf Horticultural and of the same color, but longer and much larger, making them more desirable for market use. The green beans are almost as large, though different in shape and quite as good in quality as those of the Large Lima. Pkt, 10c; Pt, 20c; qt, 35c, postpaid.

## BUSH LIMA BEANS.

(Buſch-Butter-Bohnen.)

**Henderson Bush Lima, or Dwarf Sieva**—The first introduced. It is the most productive of any, and on the whole is a vegetable of great merit. Pkt., 10c.; pt., 25c.; qt., 40c., postpaid.

**Burpee's Large Bush Lima**—Much larger and of better quality than the Henderson's; in fact as large as the pole, or King of the Garden Lima. Remains green longer than any other Limas. Pkt., 10c., pt., 25c.; qt., 40c., postpaid.

**Jackson's Wonder Bush Lima**—Stands the hot, dry summers. Beans are of splendid flavor and immensely productive. Pkt., 10c.; pt., 25c.; qt., 40c., postpaid.

The dwarf growing Lima Beans are fast growing in popularity, particularly where the use of poles is an objection. Our stocks of all varieties are fine, the best on the market.

## DWARF, BUSH OR SNAP—Wax Podded Sorts.

**Challenge Dwarf Black Wax**—Continued experience has satisfied us of the great merit of this variety as the earliest wax podded Bean. In all our many comparisons of this Bean with other extra early sorts, we have found it the first to give a full picking of pods, which were unexcelled by any in quality. The best early wax Bean for the market garden. In growth and general appearance the plants are the same as the old Black Wax or Butter Bean, but are earlier and more productive. The pods are clear waxy-white, quite round, very fleshy, crisp, tender and stringless. Pkt., 10c.; pt., 25c.; qt., 45c., postpaid.

**Wardwell's Early Kidney Wax Bean**—Hardy and productive, pods long, broad, flat and of a delicate waxy yellow, brittle and entirely stringless. The yield comparatively exceeds that of the common Golden Wax, and is equally as early. Pkt., 10c.; pt., 25c.; qt., 50c., postpaid.

**Davis White Kidney Wax**—A new white rustless, productive wax-podded Bean. Pods flat, very long, white, straight and handsome; seeds clear white; excels all others in hardiness and productiveness. Valuable for market gardeners' and canners' use. Pkt., 10c.; pt., 25c.; qt., 45c., postpaid.

**Scarlet Flageolet Wax**—The pods are often a foot in length, exceedingly succulent, stringless and tender. It is an enormously productive variety, and nearly always exempt from rust. Pkt., 10c.; pt , 25c.; qt., 45c.

**Currie's Rust-Proof Wax** — This variety is claimed to be absolutely rust-proof; pods long, flat, tender and of fine quality. It is early, productive and a good all-round Bean. Pkt., 10c.; pt., 25c.: qt., 45c.

**Improved Rust-Proof Golden Wax** — The standard variety for general use; pods long. nearly straight, broad, flat, and clear yellow. Pkt., 10c.; pt , 25c.; qt., 45c., postpaid.

**Pencil Pod Wax Bean**—Through trials the past season made in different climates and under different conditions have substantiated the claims of the originators as to its hardiness and great prolificacy, combined with superior table quality and absolute freedom from strings. Long, straight pods, perfectly round and smooth, of rich color. Early orders are advised as stock is limited. Pkt., 10c.. pt., 25c.; qt., 45c, postpaid.

Wardwell's Early Kidney Wax.

**Yosemite Mammoth Wax**—A grand variety, yielding prodigiously immense golden-yellow, waxy pods 10 to 14 inches long; they are thick, meaty and absolutely stringless, cooking tender and delicious. It is a robust-growing sort, needing to be planted twice as far apart as ordinary bush Beans. Succeeds well on poor soils. Pkt., 10c.; pt., 25c.; qt., 45c., postpaid.

**Golden-Eyed Wax**—An early, vigorous variety, free from rust and blight, bearing abundantly beautiful, tender, large flat, waxy golden pods. It grows 1½ feet high, holding the pods well off the ground. Pkt., 10c.; pt., 25c.; qt., 45c., postpaid.

## POLE BEANS. (Stangen=Bohnen.)

**Horticultural or Speckled Cranberry**—An old and popular variety useful either as a green-podded snap Bean or when shelled in the dry state.

All prices on Beans are postpaid. Write for special prices on larger quantities for shipment by freight or express.

**Dutch Caseknife**—Very early, pods long and flat, beans pure white and of excellent quality, used either green or dry.

**Southern Prolific**—Used as either a Pole or Cornfield Bean. Will bear till frost.

**Speckled Cut-Short, or Cornhill**—Very profitable and popular for planting among corn.

**White Crease-Back, or Fat Horse**—Very long, large and absolutely stringless, beans growing in clusters.

**Lazy Wife**—This Pole Bean has become very popular. Pods are broad, thick, very fleshy and entirely stringless. Each pod contains six to eight round white beans.

**Kentucky Wonder, or Old Homestead**—This splendid variety is an improvement on Southern Prolific; two weeks earlier, more prolific, long, round pods. An excellent Pole or Cornfield Bean for home use or market; will be more extensively grown than other pole variety.

**Early Golden Cluster Wax**—The Early Golden Cluster begins to bear early in July, and continues until frost; pods are 6 to 8 inches long, borne in clusters of three to six, are a beautiful golden, yellow color, and the flavor is most delicious. It can be used shelled or as a string Bean.

### FORD'S MAMMOTH POLE LIMA.

The largest and most productive Lima Bean. The pod of this most desirable Bean grow to an average leugth of eight inches and are produced in great clusters. The pods have from five to seven Beans of excellent quality, both green and dry. It might be called the ever-bearing, as the pods are produced early at the bottom of the pole, and are continuously produced until the frost destroys the vines.

**Sieva, or Small Lima**—Two weeks earlier than larger Lima.

### "KING OF THE GARDEN LIMA."

Finest stock for market gardeners. When not closely planted they set their pods early at the bottom of the pole, producing a continuous bloom and fruitage to the end of the season. The pods are of enormous size, many specimens measuring from 5 to 8 inches and producing up to seven Beans to the pod, all perfectly formed and of superior quality.

Kentucky Wonder.

**Prices on Pole Beans: Pkt., 10.; pt., 25c.; qt., 50c., postpaid.** Write for special prices on larger quantities for shipment by freight or express

## BEETS.

(Rothe Rüben.)

**Edmand's Blood Turnip Beet.**—It is of good size, very early, perfect in form, and of that deep, rich blood color so much sought by gardeners. It command a good price and a ready sale in all markets. It will produce fully 800 dozen bunches of early Beets per acre. Our seed has been selected from the best French grown stock. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c., postpaid

**Crosby's Early Egyptian**—The earliest and best turnip-shape Beet in the market, being more globular than its parent the Early Egyptian. Market gardeners should take no other variety for early market. Supply is limited this season. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; 1 lb., 60c., postpaid.

**Eclipse**—A very early, smooth, dark, globe-shaped Beet, with small top; in earliness and quality it is excelled by none. A good cropper. We can recommend it highly for market and garden use. Pkt., 5c.; oz., 10c.; ¼ lb., 50c.; 1 lb., 20c., postpaid.

**Long Blood Red (very rich) 62 Days**—Resists drought better than any other variety of Beets; color deep red, flesh very sweet. Grows entirely under ground. Ten to twelve tons can be grown to the acre. Valuable for cattle. Keeps well during winter. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c., postpaid.

**Early Blood-Red Turnip**—The old standby and a universal favorite. Deep blood color. Good early and late. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c., postpaid.

**Swiss Chard, or Silver Beet**—A distinct vegetable and much superior to the common Beet for greens, which are produced remarkably soon after planting. Later the leaves grow very large, with broad, flat, beautifully white, wax-like stems and midribs, which may be cooked like asparagus. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c., postpaid.

**Detroit Dark Red (Turnip-shaped)**—Valuable because of its wonderful uniformity, medium in size, always smooth and free from small roots. The flesh is tender, fine grained, and remains so long after many sorts have become woody. It is admirable for early or late. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; 1 lb., 60c., postpaid.

**Bastain's Early Blood Turnip**—Very early; of quick, large growth, fine turnip form and bright red color. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c., postpaid.

## MANGEL AND SUGAR BEETS FOR STOCK.

Extensively grown in all parts of the county for feeding stock. Sow in April or May in drills three feet apart, and thin to ten inches in the row. If your soil is deep and mellow, try the long variety; if shallow the round kinds will do better. No crop pays the farmer or stock raiser better than mangels; 1,000 bushels to the acre is an ordinary yield, while, with good culture, 2,339 bushels have been grown to this amount of ground. They make the cheapest of foods for all kinds of stock—horses, cattle, sheep, pigs, chickens, etc. Easily grown, and they help to keep stock in good condition and free from disease. Dairymen claim that a bushel of mangels and a bushel of corn are worth more than two bushels of corn. Full directions for culture and storing mangels will be sent on application. Use five pounds of seed to an acre.

Golden Tankard Mangel.

**Golden Tankard**—The best Yellow Mangel in cultivation. A distinct and valuable yellow-fleshed variety, which contains a larger percentage of sugar and nutritive matter than any of the red-skinned sorts. It is more relished by milch cows snd sheep than any other. In shape it is almost cylindrical. It is very easily pulled and is exceedingly hardy.

**Red Globe**—A large, globular, red sort, even a better keeper than the Long Red. It produces fine crops upon shallow soil, which, added to its fine grain and excellent keeping qualities, renders it the most desirable.

**Yellow, or Orange Globe**—Remarkably smooth in shape, considering the large size attained. Flesh white and a great keeper. Will stand a dry season exceedingly well, hence good tor late planting.

**Vilmorin's Improved Sugar**—A variety originating in France. It differs from the Mangel Wurzel in containing the largest percentage of sugar of any known variety. In size it is medium, yielding in this season from 10 to 16 tons per acre. Containing about 18 per cent sugar. Cannot be overestimated for any purpose. Should be grown in deep soil.

**Norbiton Giant, or Jumbo Red Mangel**—Stands head above all other varieties of Mangels; unequaled for yielding and feeding qualities. Preferred by many to common Long Reds, as its keeping qualities is considered better and it is much larger.

**Mammoth Golden Giant**— An improvement on the Long Yellow Mangel, being of considerably greater size, more than half above ground and of a more grayish or rather russet yellow color. Remarkably even in shape, rather elongated, of vigorous growth; it has a fine neck and a very smooth skin. Flesh white, firm and sweet, much liked by cattle. In short, a magnificent root, easily lifted from the ground, producing enormous crops. Excellent keeper, yielding 40 to 60 tons per acre.

**Mammoth Long Red**—Enormously productive. Yields from fifty to seventy tons to the acre. The roots grow well above the ground and are easily dug.

Any of the above varieties, large pkt., 5c.; ¼ lb., 17c.; lb., 40c.; 5 lbs., $1.75, postpaid.

## BRUSSELS SPROUTS. (Sproſſen Kohl.)

CULTURE.—Same as Winter Cabbage. This is a delicious vegetable of fine flavor, allied to the Cabbage family, producing great numbers of small heads or sprouts on the main stem of the plant, which are used in the manner of Cabbage. Used and prepared as greens, they are the best in the autumn, especially after frost. Pkt., 5c.; oz., 15c.; ¼ lb., 35c., postpaid.

**We are headquarters for Bee Supplies and are able to furnish anything in that line. Write for prices.**

CUT FLOWERS—When in the market for fancy Cut Flowers for gifts, weddings, receptions, funerals or other purposes we would be pleased to quote you prices. We have an expert Florist in charge of this department and can furnish Floral Designs of all descriptions on short notice, packed in perfect condition. If in a hurry for floral designs telegraph or telephone us.

# CABBAGE. (Früh=und Spät=Kraut.)

**Extra Early Etampes.** One of the earliest Cabbages, producing well formed conical heads, remarkably large for so early a ripener. Whoever plants it will be amazed at its early maturity, and if he be a market gardener, will be able to place it on the market ahead of all competitors. Pkt., 5c.; oz., 25c.; ¼ lb., 75c.; lb., $2.25, postpaid.

All Seasons. Early Summer. Sure Head.

**Henderson's Early Summer**—A flat-heading variety about ten days later than Jersey Wakefield, and for years has headed the list of second early Cabbage. Pkt., 5c.; oz., 15c., ¼ lb., 60c.; lb., $2.00, postpaid.

**Early Winningstadt**—An old style cone-shaped summer sort; when sown late it is good for fall, even winter; a sure header and good keeper; very popular with Germans. Pkt., 5c.; oz., 15c.; ¼ lb., 50c.; lb., $1.75, postpaid.

**Early Dwarf Flat Dutch**—An excellent second early old standard variety, producing fine large heads after the first early varieties have disappeared. Highly valuable both for its fine quality and ability to resist heat. Heads are very solid, broad and round, flattened on top, tender and fine grained. Pkt., 5c.; oz.; 20c.; ¼ lb., 60c.; lb., $2.00, postpaid.

**All Seasons**—This strain of Early Drumhead Cabbage we offered to the public some years since, under the broad claim of being about as early as the Early Summer, and growing much larger. Gardeners everywhere say they find our claims are fully substantiated in every particular. As its name indicates, it can be planted at all seasons. It forms a fine large head of superior quality, not bursting after heading; the heads are of great thickness, which makes a capital market sort and good keeper. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., $2.00, postpaid.

**Genuine Sure Head**—This popular Cabbage is rightly named Sure Head. It never fails to make a remarkably fine, solid, large head, with few outer leaves. It originated some years since with a practical market gardener, by crossing the Flat Dutch and Drumhead varieties, and has always brought the highest est price in markets. It is a strong, vigorous grower, ripening late for a main crop, and very uniform in size and color. Our supply is grown from the original seed, and none better is to be had at any price. Pkt., 5c.; oz., 20c.; ¼ lb., 65c.; lb., $2.25 postpaid.

**Henderson's Succession**—Intermediate between the Early Flat Dutch and the Late Flat Dutch, slightly later than the second early sorts and much earlier than the late sorts. Similar to the old Newark Early Flat Dutch. Pkt., 5c ; oz., 20c.; ¼ lb., 60c.; lb., $2.00.

**Louisville Drumhead**—This fine Cabbage is very popular with the kraut makers. It is a medium late variety, forming a lare, solid head, which seldom bursts. It is used largely by shippers in the vicinity of Chicago who ship Cabbage south. It comes in between the second early and the late varieties. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., $2.00, postpaid.

**St. Louis Late Market**—A very superior late sort. Has been grown with great success by market gardeners throughout the entire country, and for a late Cabbage certainly has no superior. Pkt., 10c.; oz., 30c.; ¼ lb., 90c.; lb., $3.00, postpaid.

**American Drumhead Savoy** (Wirsing)—The leading variety of all the Savoys. Special attention should be given this class, especially where quality rather than quantity is desired. Valuable for the private garden. Of sweeter flavor than other Cabbage, especially where touched slightly by frost. Rapidly gaining favor as the most delicious of all vegetable. Pkt., 10c.; oz., 25c.; ¼ lb., 75c.; lb., $2.25 postpaid.

**Red Dutch**—Used almost exclusively for salad or pickling. Hardy, an excellent keeper. Is slow to mature. Should be transplanted rather early, in a good, heavy soil to obtain perfection. Pkt., 5c.; oz., 25c.; ¼ lb., 60c.; lb., $2.00, postpaid.

**Large Late Drumhead**—Heads enormous. A very hardy and especially desirable winter sort. A fine shipper. Pkt., 5c.: oz., 20c.; ¼ lb., 60c.; lb., $2.00, postpaid.

**Autumn King**—Heads broad, flat, heavy; earlier than Late Drumhead and more showy. Stems short, few outside leaves, a remarkably fine sort. Pkt., 5c.; oz., 20c.; ¼ lb., 50c.; lb., $2.00, postpaid.

**Extra Early Jersey Wakefield**—This old variety needs no description. Has stood for twenty-five years without an equal for the home or market garden. The best of all early Cabbage. Pkt., 5c.; oz., 20c.; ¼ lb., 65c.; lb., $2.25, postpaid.

Extra Early Jersey Wakefield.

Lupton.

**Charleston, or Large-Headed Wakefield** — A prize winner among early Cabbage. Coming directly in succession to Jersey Wakefield, having characteristics of this variety, but almost twice the size, we do not hesitate to recommend the Charleston to any customer growing early Cabbage, for whatever purpose. It fills a long-felt want. Pkt., 10c.; oz., 25c.; ¼ lb., 75c.; lb., $2.25, postpaid.

**The Lupton Cabbage.**

This fine new Cabbage is accurately described as follows by the originator, Mr. J. M. Lupton: "It is the result of an effort to combine in one variety the best qualities of the second early and the late sorts. It is a little earlier than any one of the various strains of Flat Dutch and Drumhead, and of closer growth. The heads are particularly large in proportion to the plant, which grows strong, but does not spread out much. The stalk is rather short; color dark green. The quality is fine, and it is also one of the best keepers we have and comes out in the spring bright and fresh. The heads are not likely to crack open. As for uniformity, it will grow more uniform and head better than the late varieties." Pkt., 5c.; oz., 20c.; 2 oz., 35c.; ¼ lb., 65.; ½ lb., $1.25; lb., $2.25, postpaid.

**Holland or Danish BallHead**—Valuable for its hard heading qualities, mading it the best winter keeper and shipper of any variety; the head trimmed for market weighs fully one-fourth more than any other cabbage of equal size. Pkt., 5c.; oz., 25c.; ¼ lb., 75c.; lb., $2 75., postpaid.

**Springfield Seed Company's Improved Flat Dutch Cabbage.**

In this superior strain of late Cabbage we believe we have combined every good quality essential to perfection. It is the result of several years' continued selection of seed stocks of the most perfect and largest heads, with low stocks, and especially those that show greater earliness in heading, with few outer leaves and a very uniform color By such persistent selection, we have a highly improved strain. Market gardeners grow it in preference to all others for a main crop. It grows very large and never fails to make a perfect, solid head, and is most uniform in shape, size and color. Pkt., 10c.; oz., 25c.; ¼ lb., 70c.; lb., $2.25 postpaid; by express, lb., $2.15; 2 lbs., $4.25; 5 lbs. and over, $2.00 per lb.

Springfield Seed Company's Improved Late Flat Dutch.

In all cases where Seeds are forwarded by freight or express purchaser pays transportation charges.

Our assortment of Flower Seeds is complete. Contains a full line of standard varieties, as well as all worthy novelties of recent introduction.

# CARROTS FOR THE TABLE.

(Gelbe Rüben.)

CULTURE—Carrots for early crop should be sown as early in the spring as the condition of the ground will permit, in drills 16 to 18 inches apart; cover lightly, and if too thick, thin to about three inches in the row. Sow 3 to 4 pounds to the acre, or one ounce to 100 feet of drill. A light soil preferred.

**Extra Early French Forcing**—The earliest, and largely grown for forcing. Small, almost gobular, roots orange-red in color. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c., postpaid.

**Oxheart, or Guerande**—Very distinct and desirable Carrot, smooth and handsome, very thick and blunt-rooted, about 6 inches long, a rapid grower and of fine quality; color orange-red; a good all-seasons Carrot. Pkt, 5c; oz, 10c; ¼ lb, 20c; lb, 60c, postpafd.

**Early Half Long Scarlet**—Similar in shape to the Carentan. Color, bright scarlet, becoming yellow in the center, but without core. This is a very fine table sort. Pkt, 5c; oz, 10c; ¼ lb, 20c; lb, 60c, postpaid.

**Danver's Half Long**—An old standard, all-purpose Carrot. Medium in length, tapering to a point. Rich dark orange color, and is without doubt the best general crop Carrot in cultivation. Pkt, 5c; oz, 10c; ¼ lb, 20c; lb, 65c, postpaid.

**Chantaney**—One of the finest of all Carrots for home or market. Color deep orange red; about six inches long; stump rooted, smooth and of excellent quality; a heavy cropper. Pkt, 5c; oz, 10c; ¼ lb, 25c; lb, 75c, postpaid.

Carrots.

## CARROTS FOR STOCK.

(Gelbe Rüben für's Vieh.)

**White Belgian**—Grows very large and somewhat above ground, making it easy to harvest, enormously productive. Pkt, 5c; oz, 10c; ¼ lb, 15c; lb, 40c, postpaid.

**Long Orange**—The old stand-by, both for table use and for stock-feeding, for late summer and winter. Fed to milch cows, it increases the flow of rich milk, and imparts to the butter in winter a fresh flavor and golden color. Pkt, 5c; oz, 10c; 1-4 lb, 20c; lb, 50c, postpaid.

**Long Red Stump-Rooted**—Very uniform in size. Flesh rich red in color. Possessing high feeding qualities. Well adapted for heavy soil. Especially recommended to stock breeders as a heavy cropper. Pkt, 5c; oz, 10c; 1-4 lb, 20c; lb, 60c, postpaid.

# CAULIFLOWER. (Blumenkohl.)

One of the most delicious of vegetables. Any soil that will grow Cabbage will grow Cauliflower, as their requirements are very similar. Culture same as Cabbage, except that they need a cool and moist atmosphere. As the flower heads appear, the large leaves should be broken down over them, to shield them from the sun and rain.

**Early Snowball**—Beyond question the best Cauliflower for family or market gardens, for early or late, for forcing, cold frame or open-ground culture; it heads where others fail. Pkt, 25c; oz, $2.00.

**Extra Early Dwarf Erfurt**—Valuable for forcing. A very popular variety in Europe and with eastern gardeners. First quality. Pkt, 25c; oz, $2.00.

Improved Snowball Cauliflower.

## CRESS OR PEPPER GRASS.

(Garten-Kresse.)

Sow thickly in very shallow drill. Cover slightly. A hardy perennial, remaining green nearly throughout the year. Is ready for use very early, and, when cut young, makes a delicious salad.

**Upland Cress**—The leaves and their flavor somewhat resemble those of Water Cress, though this sort succeeds in dry soils, and is slow in "running to seed." Pkt, 10c; oz, 15c, postpaid.

## WATER CRESS.

(Wasser-Kresse.)

The pleasant, pungent flavor causes it to be highly esteemed for table use, salads and garnishing. It must be grown along moist banks or in tubs in water-covered soil. Pkt, 10c; oz, 35c; lb, 90c, postpaid.

# CELERY. (Cellerie.)

**White Plume** — The earliest variety grown, and can be blanched for the table in September. It is a self-blanching variety requiring no "banking up," easily grown by anyone; stalks and inner leaves white, crisp and delicious. Pkt, 5c; oz, 20c; 1-4 lb, 60c; lb, $1.75, postpaid.

**Golden Self-Blanching**—It is of medium earliness, of dwarf, compact habit, with thick, solid, heavily ribbed stalks, which blanch easily to a clear waxen yellow. When grown in rich, moist soil, the stalks are numerous and large with a solid heart of beautiful yellow. Pkt. 5c; oz, 20c; 1-4 lb, 50c; lb, $1.75, postpaid.

**Giant Pascal** — Stalks remarkably large, thick, solid, entirely stringless, very crisp and brittle. A vigorous grower and self-blanching. clear white. Pkt, 5c; oz, 20c; 1-4 lb, 50c; lb, $1.75, postpaid.

**Dwarf Golden Heart**—A distinct variety of sturdy dwarf habit. It is solid and an excellent keeper and of fine nutty flavor. When blanched, the heart, which is large and full, is of light yellow, making it an exceedingly showy and desirable variety for either market or private use. Pkt, 5c; oz, 20c; 1-4 lb, 60c; lb, $1.75, postpaid.

**Giant White Solid**—A large-growing sort, attaining a height, under good cultivation, of 3 feet. This variety is most suitable for southern sections of the country, as it grows freely in hot or dry atmosphere. Pkt, 5c; oz, 20c; 1-4 lb, 60c; lb, $2.00, postpaid.

**Boston Market**—Leaves dark green, stalks when blanched nearly white. Excellent quality, solid, crisp and tender. Pkt, 5c; oz, 20c; 1-4 lb, 60c, postpaid.

**Celeriac, or Turnip Rooted Celery** (Knollen Sellerie)—Large Erfurt, grown for the roots. Excellen for salad and flavoring soup and meats. Pkt. 5c; oz, 20c. postpaid.

# CUCUMBER. (Gurken.)

Cumberland Cucumber.

**Cumberland**—The most valuable pickling variety ever introduced. It is of the hardy, white spine type, a rapid, strong and vigorous grower, the vines being full of fruit in all stages of development from the time the first blossom drops until killed by the frost. The flesh is very firm but crisp at all stages, thus rendering it equally as choice for slicing as for pickling. Pkt, 10c; oz, 25c; 1-4 lb, 80c; lb, $2.50, postpaid.

**Westerfield's Chicago Pickling**—A small pickling sort, very popular with Chicago market gardeners and large pickling houses Immensely productive and of good shape and color

**Early Cluster**—Fruit short, being borne near the root. Early, hardy and vigorous.

**Early Frame, or Short Green**—An excellent sort both for table use and for pickling. Fruit straight, handsome, smaller at each end, bright green; flesh tender and crisp, and makes fine pickles.

**Extra Early Green Prolific Pickling**—One of the best for pickling; dark green, very productive and of uniform small size; very few seeds.

**Boston, or Jersey Pickling**—A favorite eastern sort of fine quality, medium length; reliable variety for pickling and slicing.

**Prices when not otherwise noted: Pkt, 5c; oz, 20c; 1-4 lb, 60c; lb, $2.00, postpaid.**

**Improved Extra Early White Spine**—For both market use and pickling this variety is now more largely grown than any other, and is superior to the old White Spine. Our stock is grown from the true Boston strain.

**Japanese Climbing**—While all Cucumbers are running vines, yet this variety is much more creeping, or climbing, in its habit, so much so that it quickly climbs on poles or trellises in the same manner as the Pole Lima Bean. It is entirely distinct. The quality is splendid. It is well adapted for pickling, as well as for slicing for salads. The great advantage of having a Cucumber which can be trained on a pole or a fence will be apparent to all.

Improved Early White Spine.

**Improved Long Green**—Not so abundant a bearer as the preceding sort, though recommended to all who put up their own pickles; fruit long and slim; not surpassed in quality by any variety. This is not the ordinary Long Green, but a much superior sort, being twice as long and of better proportion.

**Evergreen, or Extra Long White Spine**—One of the best table sorts and splendid for forcing under glass. A fine strain, producing smooth, regular fruits, frequently twelve inches long. Smooth, round, handsomely colored and very regular in size and form; of excellent quality.

**Nichol's Medium Green**—We consider this a most valuable variety. As a pickling sort it will be found unequaled, and for early forcing, or slicing, there is no better. It is exceedingly productive, of medium size, and always straight and smooth.

**Prices when not otherwise noted: Pkt, 5c; oz, 20c; 1-4 lb, 60c; lb, $2.00, postpaid.**

The past season has been very severe on the Cucumber crop, consequently there will be a great shortage on same and prices therefore some higher than usual, but notwithstanding, we are prepared to supply our customers with fresh assured vitality stock.

# SWEET CORN. (Süß Corn.)

On account of the unfavorable season, a very great shortage exists in Sweet Corn At the date this Catalogue is issued Sweet Corn is commanding an almost unheard of premium Large lots could be wholesaled at even higher prices than the figures we are asking of our Catalogue customers, but feel we are in duty bound to reserve at least a portion of our stock for our Catalogue trade.

Extra Early Varieties.

**Extra Red Cob Cory**—Extra early: an old market variety, fair size ears.

**Early White Cory**—Similar to Red Cory, but white cobs and kernels.

**Extra Early Adams**—Not a Sweet Corn, but grown largely for early market use.
**Early Minnesota**—Almost as early as Adams or Cory, dwarf in habit, ears white.
**Crosby's Extra Early**—Ears fair sized and of excellent quality.
**Bonanza**—As early and larger than Crosby's; a favorite with the trucker.
**Shaker's Extra Early**--Large, early and productive, an all-purpose sort, unsurpassed in any way

SECOND EARLY SORTS.

**Stowell's Evergreen**—This sort is perhaps more largely planted than any other variety. A standard for many years, and a favorite with market gardeners and canners. It is exceptionally tender and of a rich sugary flavor, remaining in an edible condition for a long time; large ears; a grand good sort.

**Country Gentleman, or Shoepeg**—Is becoming very popular and well known; possesses a great many superior qualities, very deep grain, small cob, ears good size and will produce three to four to the stalk.

**Prices on all the above varieties: Pt, 25c; qt, 45c, postpaid. By express or freight, qt, 35c; pk, $2.00.**

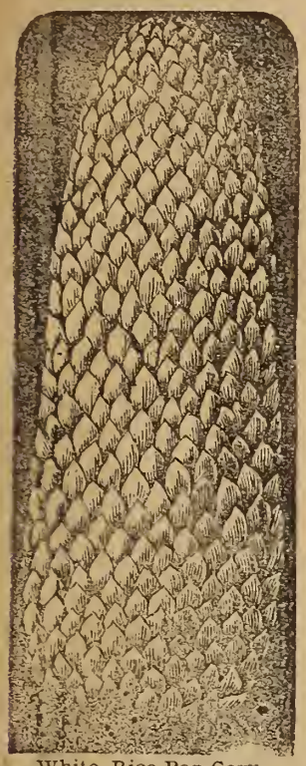
**Late Mammoth**—The largest of all; a fine market variety.
**Egyptian**—A large variety, resembling the Evergreen, broad, flat grain, a genuine Sweet Corn.
**Perry's Hybrid**—A rather large growing variety, fine quality, prized by market gardeners and canners.
**Early Mammoth Sugar**—Produces very large ears, a genuine Sweet Corn.
**Moore's Concord**—Ears large and well filled, very sweet and fine flavored.
**Black Mexican**—Blue black in color and sweetest corn in cultivation.

**Prices on all the above varieties: Pt, 25c; qt, 45c, postpaid.**
**By express or freight, qt, 35c; pk, $2.00.**

**Kendall's Early Giant**—A valuable new early Sweet Corn. The ears grow to a tremendous size, measuring eight to ten inches long, and having ten to eighteen rows on each cob, the majority having twelve rows; kernels pure white; sweet and tender. Pt, 30c; qt, 50c.

## PROFIT IN POP CORN.

If you have never grown Pop Corn for the market give it a trial. You will find it a good source of profit. Plant some distance from other corn, as it hybridizes easily. Cultivate same as other corn. We will always buy pure White Rice, Mapledale Prolific and Queen's Golden at the market.



White Rice Pop Corn.

**Mapledale Prolific**—The most productive Pop Corn in cultivation, bearing five to twelve ears to the stalk. Pops very large and tender, and is rapidly gaining favor with the trade.

**Monarch White Rice**—This is the best variety. The ears are 6 to 7 inches long and the kernels are pure white and of large size. Yields well, and produces the finest quality of Pop Corn. Decidedly the best variety to raise on a large scale for market as it yields best and commands the highest prices. Our strain is very fine. A very profitable crop.

**Queen's Golden**—A variety of great excellence; stalks 6 feet, with three to six large, golden-yellow ears each. It pops creamy white, and often expands to an inch in diameter; remarkably tender, and of a delicious flavor. The best variety for home use.

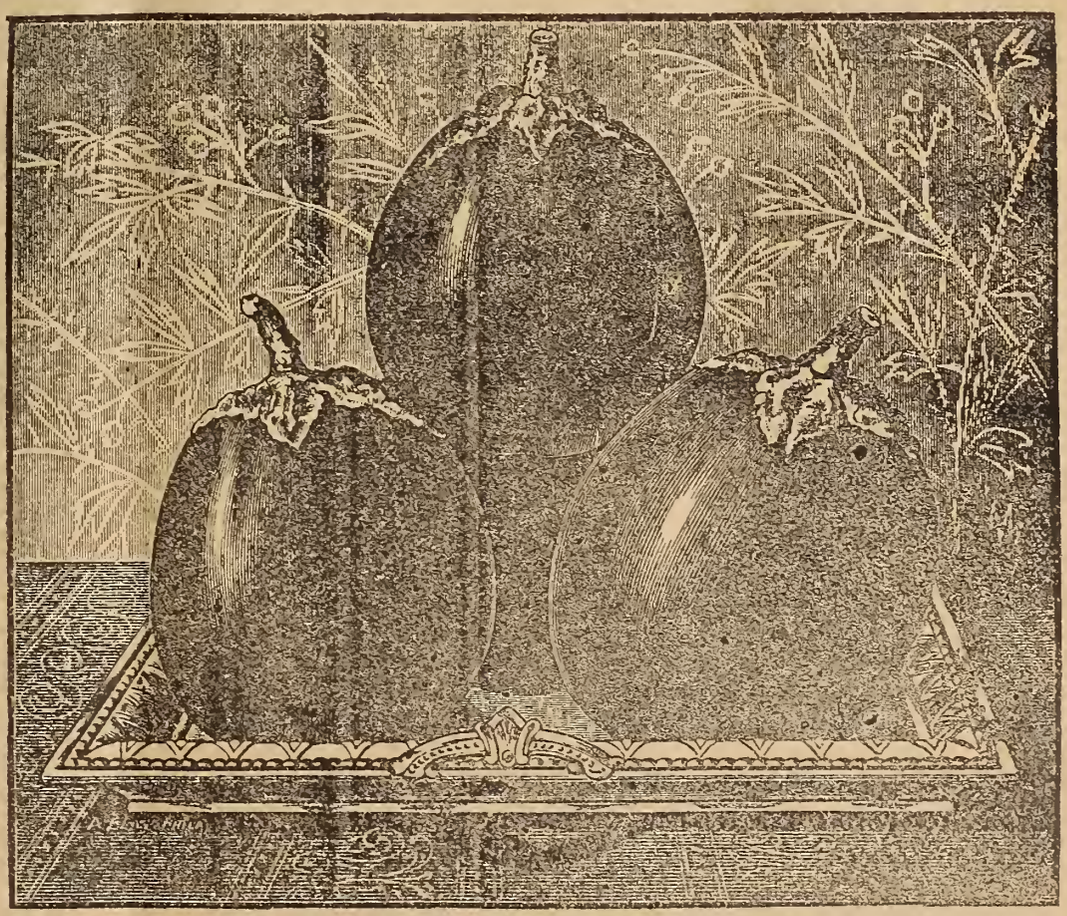
**Prices on any of the above varieties: Pkt, 5c; pt, 15c;qt, 30c, postpaid. Write for special prices on large quantities.**

## EGG PLANT. (Eier-Pflanze.)

Seeds should be sown in hot-beds in March or early April. Transplanted about June 1st, two and a half or three feet in the row. The plants are large and vigorous; leaves large and of a light green shade. Requires a rich deep soil, and will thrive best in a damp shaded spot.

**New York Improved** (Spineless.) This variety has about superseded all others both for market and private use. The large size and high quality of its fruit and its extreme productiveness make it the most profitable for market gardeners. Plants are large, spreading; foliage light green; fruit very large, oval; color dark purple. Plants usually ripen four to eight large fruits. Bear in mind that our stock is spineless, which is a great advantage in gathering the fruit. Pkt, 5c; oz, 35c; 1-4 lb, $1.00; lb, $3.50, postpaid.

**New Jersey Improved Large Purple Smooth Stem**—In the great markets of New York and the North the finest Egg Plants seen are those produced in New Jersey, whose growers have, by long experience, attained remarkable skill in bringing this plant to the greatest perfection. The plants are large and vigorous; leaves of a light green shade; fruit early, very large oval, and of a find deep purple, never red or yellow; flesh white, tender and of a superior quality. A sure cropper. Pkt, 10c; oz, 35c; 1-4 lb, $1.00; lb, $3.00, postpaid.



Improved New York Egg Plant.

For club orders of $5.00 we offer a premium of $1.50 worth of seeds in packets or ounces.

We make a specialty of Tomato Seed for Canners. Write for prices on large quantities.

# ENDIVE. (Winde=Salat.)

Endive.

The leaves of this plant make a very delicious autumn salad. When almost full grown the outer leaves are tied together, in order to bleach the center. Should be carefully lifted late in the fall with a ball of dirt attached and placed close together in the cellar. One ounce will sow about 150 feet drill Sow late in July for winter use.

**Mammoth Green Curled**—A beautiful and valuable variety. Superior to any other. Grows fifteen to twenty inches in diameter. Leaves are very crisp, tufty and full. Extremely hardy, equally suitable for spring, summer or autumn planting. Pkt, 10c; oz, 25c; 1-4 lb, 70c; lb, $2.25. postpaid.

**Everwhite Curled**—Midrib yellow, leaves almost white, large size. A very sightly variety. Pkt, 5c; oz, 15c; 1-4 lb, 35c; lb, $1,25, postpaid.

**Green Curled**—The well known sort. Dark green curled leaves, tender and of good flavor. Pkt, 5c; oz, 15c; 1-4 lb, 35c; lb, $1.25, postpaid.

# GARLIC. (Knoblauch.)

Large Garlic Bulbs.

A bulbous rooted perenniel, much valued for flavoring soups, stews, etc. It thrives best in a light, well-enriched soil. The root or bulb is composed of many small bulbs called "cloves, which are planted in the spring, six or eight inches apart. In August the bulbs are ready to gather. Cultivate and store, same as onions. Fine bulbs, 1-4 lb, 15; lb, 30c, postpaid.

# HORSE RADISH.

Horse Radish rarely produces seed, but is grown from pieces of the roots.

CULTURE—Mark off the rows two and one-half feet apart in rich, moist, well prepared ground, and set the pieces of roots eighteen inches apart in the rows, vertically, the small ends down, and the top one to three inches below the surface. Cultivate thoroughly until the tops cover the ground. when their shade will keep down the weeds.

**SMALL ROOTS**—3 for 10c; 25c per dozen, postpaid. By freight or express, at purcher's expense, 75c per 100.

# KOHL-RABI. (Kohlrabi.)

Kohl-Rabi.

The Kohl-Rabi is a vegetable intermediate between the cabbage and turnip, and combines the flavor of each. The edible part is a turnip-shaped bulb formed by the enlargement of the stem. When used for the table this should be cut when quite small, as it is then very tender and delicate, but if allowed to reach its full size, it becomes tough and stringy.

CULTURE—Sow in rich soil as early as possible, in drills sixteen inches apart, and when well established, thin to six inches apart in the row. One or two plantings at intervals of ten days will give a succession until hot weather, when they fail to grow well; but plantings may be made the latter part of July for fall use.

**Early White Vienna**—(Extra, for forcing.) Very early; small, handsome white bulb. Best early variety for table. Pkt, 5c; oz, 25c; 1-4 lb, 75c; lb, $2.25, postpaid.

**Early Purple Vienna**—Similar to White Vienna, except in color. This is a bright purple. The leaf stems are tinged with purple. Pkt, 5c; oz, 25c; 1-4 lb, 75c; lb, $2.50, postpaid.

# KALE, or BORECOLE. (Kraus=Kohl.)

Sow from the middle of April to the beginning of May in prepared beds; transplant in June, and treat in the same manner as for Cabbage. Of all the Cabbage tribe, this is the most tender and delicate, and would be much more extensively grown than it is if its excellent qualities were generally known. The varieties are extremely hardy, and are best when touched by frost.

**Dwarf German Purple, or Brown Curled**—Esteemed by all Germans, very hardy, and of fine quality; so handsome that it is frequently grown for ornament. Pkt, 5c; oz, 10c; ¼ lb 30c; lb, 80c, postpaid.

**Dwarf Green Curled Scotch**—Rarely exceeding 18 inches in height, but spreading out under good cultivation to three feet in diameter; leaves beautifully curled and bright green. Pkt, 5c; oz, 10c; ¼ lb, 30c; lb, 80c, postpaid.

# LEEK. (Lauch.)

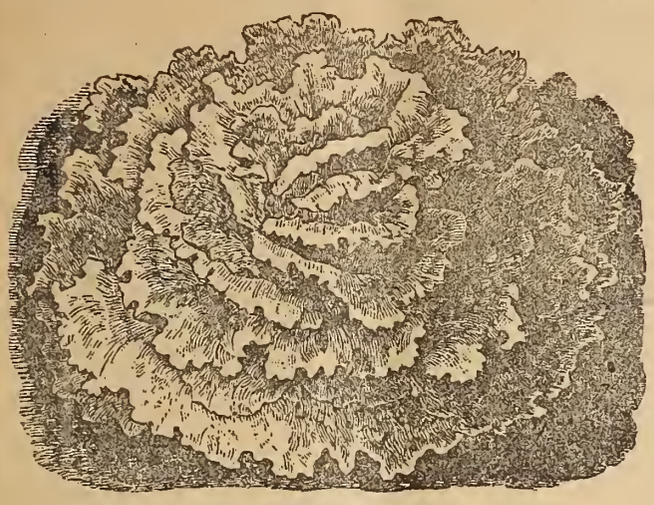
Leeks are quite appetizing when sliced and served as a salad, or they may be cooked and served like Onions. The plants are very hardy and the flavor improves with freezing. Sow seeds thinly in drills early in the spring; thin out or transplant so as to stand six inches apart in the row. Keep well hoed and free from weeds during summer, and early in the fall draw earth up about the stems in the same manner as you would blanch Celery.

**Large American Flag**—Large, hardy and of excellent quality. Pkt, 5c; oz, 15c; ¼ lb, 40c; lb, $1.50, postpaid.

**Giant Carentan**—She favorite market variety, large thick stem, of mild flavor and attractive appearance. Pkt, 5c; oz, 15c; ¼ lb, 40c; lb, $1.50, postpaid.

# LETTUCE. (Salat-Sorten.)

One ounce will sow 100 feet of drill. Wherever you find a garden you will find Lettuce, possibly more universally used than any other vegetable, especially in the spring. Served in various ways, and to be thoroughly appreciated should be fresh and crisp. Will thrive in ordinary garden soil, but should be of rapid and vigorous growth. Sow in hot-beds early, transplanting to open ground eleven or twelve inches apart. Sowings at short intervals should be made to secure good Lettuce during the season.



Early Curled Simpson.

**Prices, unless otherwise noted, postpaid: Pkt, 5c; oz, 10c; 1-4 lb, 25c; lb, 75c. Five Pkts, any varieties, 20c.**

**Early Curled Simpson**—Forms a compact mass of yellowish green, curly leaves; earlier than head Lettuce; largely grown in cold frames and the open ground.

**Black-Seeded Simpson**—Very large loose heads of curly golden-yellow leaves, which are thin and tender. It stands summer heat splendidly, and is valued for frame culture. Pkt, 5c; oz, 15c; 1-4 lb, 40c; lb, $1.25, postpaid.

**Grand Rapids**—Beautifully crumpled and curled; tender and delicious; grows freely. Pkt, 5c; oz, 15c; 1-4 lb, 40c; lb, $1.25, postpaid.

**Early Curled Silesia**—The old favorite; of dwarf, compact habit and quick growth; crisp golden leaves with finely curled edges.

**Improved Hanson**—Forms very large, firm heads, resembling Cabbage, which are deliciously sweet, crisp and tender; heads green outside and white within; for out-door culture unexcelled. It is one of the best heat-resisting sorts.

**White Summer Cabbage**—A head Lettuce of remarkable quality. Forming a solid, fine head of good size and will withstand heat and drouth, making it a good late variety.

**Boston Market**—This variety can be planted so close as to make it well adapted for grass culture. grows very compact and forms fair-sized heads slightly tinged with red on the edges of the leaves. It is also one of the best varieties for outdoor culture. Pkt, 5c; oz, 15c; ¼ lb, 35c; lb, $1.10, postpaid.

**Tennisball**—An early reliable header, compact in growth, the leaves close set and slightly bloated or savoyed. Color a whitish green.

**Prize Head**—Very tender leaves of dark reddish brown color, variegated with dark green. Heads large and of good flavor. We sell more of this than any other brown-leaved variety; always satisfactory.

**Denver Market** Used either for forcing or open ground. An early variety, forming heads which are solid and of beautiful light green color, curled somewhat like Savoy Gabbage, and always crisp and tender.

**Golden Ball Buttercup**—An imported variety, being distinct from all others. Of a golden yellow, retaining its color throughout the season. Attractive in appearance and very sweet and tender.

**New Tianon Cos**—The finest of all the Cos sorts. Leaves when bleached are stiff like Celery stalks.

# CORN SALAD. Fetticus, or Lamb's Lettuce.

(Acker-Salat.)

This small salad is used during the winter and spring months as a substitute for Lettuce and is also cooked and used like Spinach. In warm weather the plants will mature in four to six weeks. Sow the seed in shallow drills about one foot apart, during August and September. If the soil is dry it should be firmly pressed over the seed in order to secure prompt germination. On the approach of severe cold weather, cover with straw or coarse litter. The plants will also do well if the seed are sown very early in the spring, and like most salad plants, are greatly improved if sown on very rich soil; indeed, the ground can scarcely be made too rich for them. Pkt, 5c; oz, 10c; ¼ lb, 20c; lb, 60c, postpaid.

# MUSTARD. (Senf.)

Sow ten pounds to the acre. For salads and greens sow broadcast early in the spring. The seeds are also used for flavoring pickles, pepper sauce, etc.

**Yellow or White**—Pkt, 5c; oz, 10c; ¼ lb, 15c; lb, 40c, postpaid.

**Brown or Black**—Pkt, 5c; oz, 10c; 1-4 lb, 15c; lb, 40c, postpaid.

**Southern, or Chinese Curled**—Especially desirable for the market gardener and is fit for use much longer than other varieties. Pkt, 5c; oz, 10c, 1-4 lb, 20; lb, 65c, postpaid.

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Our mixed Lawn Grass has been very thoroughly tested by some of the most prominent parks, clubs and other public places where large and moving crowds congregate, and as a Lawn Grass we believe it has few equals.

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If our special Lawn Mixture is good enough for public parks is it not a superior article for private lawns? It will stand heavy tramping and extremes of seasons. Try it.

# MUSKMELONS. (Muskat-Melonen.)

To get the best results, select a warm, rich sandy loam, thoroughly work the soil. Make hills six feet apart each way. Use in each hill a few shovelfuls of well-rotted manure. Seeds should never be planted until settled warm weather. Plants are very sensitive and liable to be injured by frost. Should the vines grow rapidly and too luxuriant, may be pinched off when three or four feet in length. Also if the fruit should set too thickly, thin when young. This will hasten ripening and also increase the size and quality of the Melons. Cultivate often until the vines interfere. One ounce will plant about sixty hills; two to three pounds an acre.

**Rocky Ford**—It is safe to say that no Melon has ever come into the markets which has sold so readily and at such high prices as the "Rocky Ford," often to the exclusion of other varieties. The color of the skin is of a rich, greenish gold; the netting is prominent and light in color; appearance very attractive. The flesh is very deep, ripening clear to the rind, and it has an exceedingly small seed cavity. It is very sweet and luscious in flavor, and is entirely devoid of any stringy character. Yields an enormous quanty of fruits during the entire season.

**Early Green Nutmeg**—A rather small green-fleshed variety. Dark green rind, well netted, ribbed and somewhat globular in shape. Extra early.

**Extra Early Hackensack** — Ripens fully ten days ahead of the old Hackensack, which it much resembles. A good shipper. Fruit large, round and deeply netted.

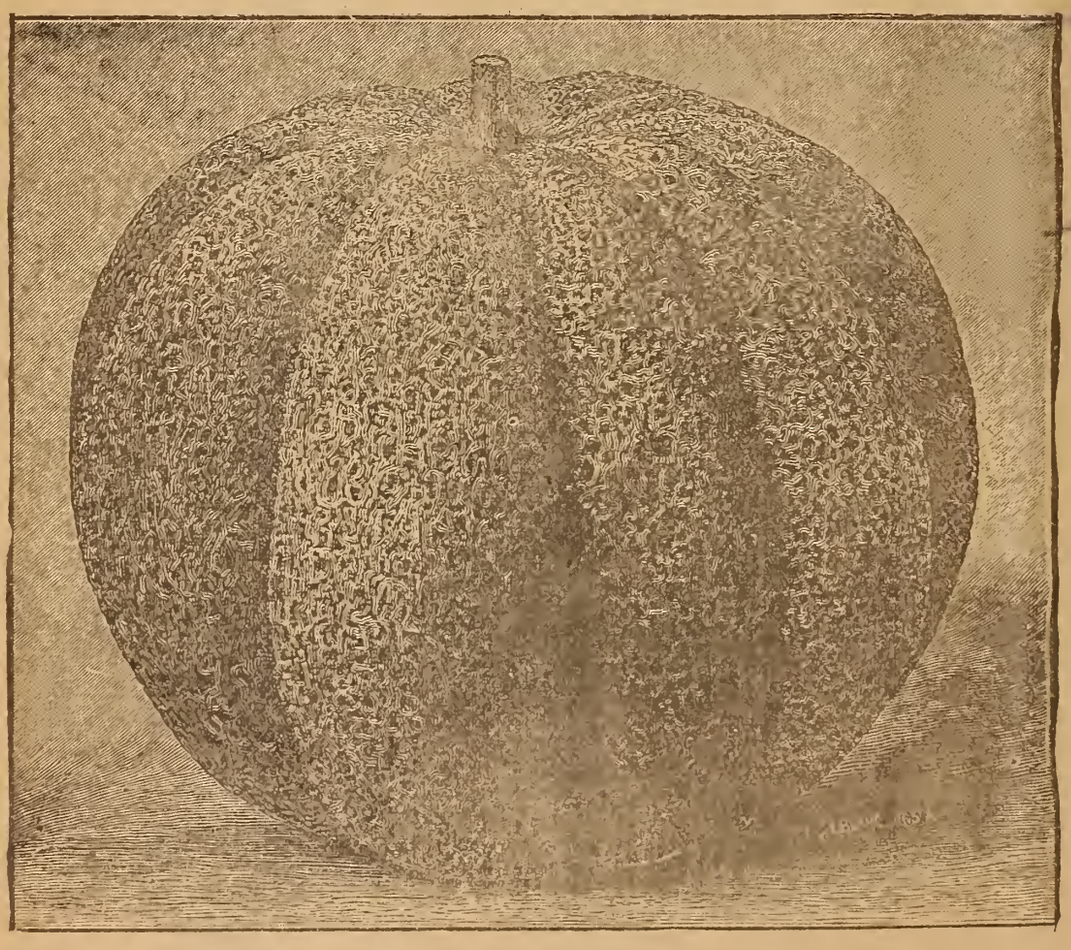
**Baltimore or Acme**—Heavily netted. Deeply ribbed. Somewhat oblong in shape. Flesh green.

**Bay View**—Green flesh. Large and productive, sometimes attaining the weight of fifteen pounds.

**Banana**—Has the appearance and shape like a banana. Quite a novelty.

**Paul Rose**—A new salmon-fleshed variety, especially adapted for fancy shipping trade. Rather small. Oblong in shape. Ribbed and netted. Possesses excellent table qualities. A cross between the Emerald Gem and Osage.

**The Patterson Melon**—A Muskmellon of very superior qualities, originating in our immediate vicinity. Our stock (which is limited) is direct from the grower and originator of this splendid Melon. It is of the Jenny Lind type. Earlier and of better size. We do not hesitate to recommend it to the market gardener and shipper as being the sweetest and most productive of all extra early Melons.



Chicago Market Muskmelon.

**Jenny Lind** — Small and somewhat flattened at the ends. Early, fine netted, flesh green, sweet and delicious.

**Large Hackensack** — Is somewhat later than the Early Hackensack. Large and of very uniform size, very productive. Flesh green and of a very fine flavor.

**Chicago Market** —A very large nutmeg. Uniform size and shape. Well ribbed. Finely netted. Flesh green, very juicy and sweet, delicious flavor. Seed cavity very small. Seldom cracks or rots. Excellent for late market.

**Emerald Gem**—Almost delicious small Melon. Extremely thin rind. Flesh of a beautiful salmon color, almost red. Flavor unexcelled.

**Osage, or Miller's Cream**—Skin is slightly netted, dark green color. Being a heavy cropper and of fine flavor, this old-time favorite holds its own.

**Improved Green Nutmeg**—Flesh light green and beyond question the surest cropper and most productive sort in cultivation.

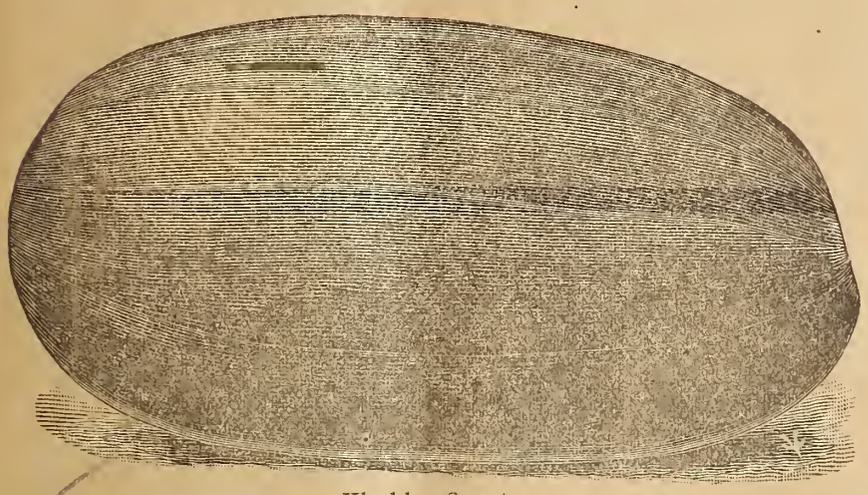
**Champion Market**—Is globular in shape. Heavily netted. Average about five pounds. A second early variety and very popular, because of their fine flavor and from the fact that they resist sunburn extremely well. It is desirable as a shipper and for the home garden. Pkt, 5c; oz, 10c; ¼ lb, 40c; lb, $1.40, postpaid.

**Montreal Market**—Large size. Flesh very thick and fine flavor. Pkt, 5c; oz, 10c; ¼ lb, 40c; lb, $1.40, postpaid.

**Prices, unless otherwise noted: Pkt, 5c; oz, 10c; 1-4 lb, 30c; lb, $1.00, postpaid.**

When ordering by express or freight, deduct 10 per cent. from above price.

# WATERMELONS. (Waſſer-Melonen.)



Kleckley Sweets.

Never plant Watermelons on hard, poor soil. It requires a sunny, light mellow soil, made very rich with well-rotted compost. Prepare the ground by deep cultivation and plant in hills 8 to 10 feet each way. Hoe often. Somewhat hardier and more vigorous than Muskmelons and may be planted earlier. The largest Melons are obtained by pinching back the vines and removing all but a very few when small.

**Kleckley Sweets**—This is one of the best flavored Melons in cultivation, and of a shape and color that is extremely desirable. The rind is very dark green, very thin, flesh deep scarlet, fine and of delicious quality. For the home market and family garden it is decidedly the best. Pkt, 5c; oz, 10c; ¼ lb, 25c; lb. 75c, postpaid.

**Phinney's Early**—Very early. Medium size. Flesh deep red and very sweet. Rind thin. Very productive.

**Sweet Heart**—A splendid shipper. Early, large oval, light green. Rind thin, but firm. Flesh bright red, sweet, very tender, firm and solid. Very productive.

**Mountain Sweet**—A large variety. Oblong in shape. Flesh red, long and of good size. Striped light green, thin rind. Flesh deep and scarlet and deliciously sweet and a good shipper. Best for garden culture.

**Improved Long Dixie**—It is conceded to be the best shipper and keeper grown. It is larger, 10 days earlier, more beautifully striped and of finer appearance than Kolb's Gem. Skin dark green, striped, flesh bright deep scarlet, sweet, tender and juicy. A most valuable cropper.

**McIver's Wonderful Sugar Melon**—The sweetest Melon grown. Without a single exception this is the sweetest Watermelon of all. The Melons attain a great weight, are of a very handsome appearance, never crack or lose their flavor during wet seasons; It is a very productive variety, and one that will take the lead wherever known.

**Kolb's Gem**—The longer this variety is cultivated the better it is liked. Vines of medium size, but remarkably vigorous and healthy. Fruit of the largest size, but round and slightly oval, marked with irregular mottled stripes of dark and very light green in sharp contrast, which gives it a very bright and attractiv. appearance. Flesh bright red, extending to within alf an inch of the rind, sweet and tender. As a shipping variety it has no superior.

Kolb's Gem.

**Florida Favorite**—A very large, long Melon, mottled dark green with stripes of lighter shad. Rind thin but firm. Flesh very bright, deep red, very sweet, tender and excellent. A very popular variety in the South

**Dark Icing**—Oblong in shape. Rind dark green. White seeded. Flesh dark red and of a fine flavor. Extremely prolific and of good size.

**Ice Cream or Peerless**—The old but extremely popular home market Melon None better. It is medium in size, almost round; the skin a pale green, slightly mottled; flesh bright scarlet, fine grained, solid to the center, crisp and melting. Its delicious flavor entitles it to the name of Peerless.

**Cuban Queen**—Large oval Melons. Striped dark and light green. Flesh red and of excellent quality. The best late sort.

**Cole's Early**—Very hardy, a sure cropper and extremely delicate in texture of flesh, which is of a dark red color; rind is thin and extremely brittle, hence not desirable for shipping purposes, but possessing all the other most desirable features. We highly recommend it for home use. Medium size, nearly round; rind green, striped with lighter shades.

**Gypsy or Georgia Rattlesnake**—A very large Melon and a good shipper. The skin is striped light and dark green. The flesh is brifiht scarlet, deliciously sweet and sugary. This variety is very popular in the South for shipping.

**Seminole**—Extra early, very productive, large and of splendid flavor. Melons of both gray and light green.

**Triumph**—The points of excellence of this really good Melon are earliness, fine shape, thin, tough rind, great productiveness, attractive color and excellent quality.

**Pride of Georgia**—Striped light and dark green. Oval in shape. Flesh bright red and sweet. An excellent shipper of good size.

**Duke Jones**—A new Melon which has attained great popularity, and given universal satisfaction whenever tried. Grows to immense size.

**Jones Jumbo**—Color of skin is solid green, flesh very bright red. Particularly sweet and juicy. Attains an immenfe size, often weighing eighty pound. Good shipper.

## STANDARD SORTS.

**BLACK SPANISH. ALABAMA SWEET. KENTUCKY WONDER.**
**BLACK DIAMOND. LIGHT ICING, or GRAY MONARCH. EARLY FORDHOOK.**
**BLUE GEM. SCALEY BARK. MAMMOTH IRONCLAD.**
**CITRON RED SEEDED.**

**Prices, when not otherwise noted: Pkt, 5c; oz, 10c; 1-4 lb, 25c; lb, 70c, postpaid.**
**OUR SPECIALTY: FINE SOUTHERN GROWN MELON SEED.**

# MUSHROOMS. (Champignon Schwamm.)

MUSHROOMS may be grown successfully and profitably during the winter and spring months in cellars or under benches of greenhouses, wherever the temperature of 50 to 60 degrees can be maintained. The bed should be made from November to February, according to the time the Mushrooms are wanted, and it requires about two months for them to begin bearing. Prepare the bed by taking fresh, loose manure, free from straw or litter, and mix an equal bulk of loam from an old pasture. Keep this under cover, taking care to turn daily to prevent heating. When the compost is rid of the heat, make your bed eight or ten inches deep, pressed solidly. When the temperature is about 90 degrees, plant pieces of spawn the size of walnuts in holes two to three inches apart each way. Cover the holes, pressing the dirt solidly around the spawn. In about ten days cover the whole bed with two inches of fresh loam. Protect with three or four inches of straw. Examine the bed often, so that it will not become dry. Should water be necessary, sprinkle with warm water, temperature about 100 degrees.

**English Spawn,** in bricks, per lb, 20c; 10 lb, $1.50; by mail add 10c per lb.

White Velvet Okra.

# OKLA, OR GUMBO.

A very delicious vagetable. The young green pods make a healthful and nutritious soup; when pickled, are a fine salad. Easily grown. Sow after settled weather in rows three feet apart. Thin to ten inches in rows.

**Improved Dwarf**—A distinct early variety. Pods comparatively short but very numerous. Pkt, 5c; oz, 10c; ¼ lb, 20c; lb, 65c, postpaid.

**White Velvet**—A valuable new variety characterterized by its round, smooth pods, free from ridges and seams. It is the most prolific Okra now offered, bearing 16 to 20 remarkably white pods per stalk; all well filled with tender, well-flavored fruit, rich in mucilaginous properties, Most desirable for all purposes for which Okra is used. Dried in the shade, the pods can be used for soups at any time. Pkt, 5c; oz, 10c; ¼ lb, 0c; lb, 60c, postpaid.

**ONION SET CULTURE**—Plant the sets four inches apart, in rows about half an inch deep and one foot between the rows, but do not cover the sets entirely. This applies to all varieties except the Potato Onion, which should be planted in rows fifteen inches apart and nine inches in the row, and then covered with about one inch of soil. All varieties can be set out in the fall as well as the spring. Fall planting of Sets succeds very well and should be more generally practiced.

## PERENNIAL VARIETIES.

**Potato Onion**—Produces large bulbs and often as many as twenty small bulbs in a cluster from a single bulb planted. Excellent quality and size for bunching green. A good keeper, very early. Should be planted in fall. Color pale red. Qt, 30c, postpaid.

**White Shallots**—Bulbs large and a silvery white color, but never round. Produce small bulbs on the sides. Very desirable variety for early bunching. Qt, 30c; postpaid.

**Egyptian, or Perennial Tree**—In this we have an entirely distinct variety of Onions. Differs from all others in that when once set out, without the slightest protection, it will come up year after as soon as the frost is out of the ground. Grows rapidly and is ready for the market three to four weeks earlier than Onions grown from bottom sets. It never forms a very large bulb, is immensely productive, increasing from sets produced on top of the stalks. Especially ahapted for growing green Onions in early spring. Should be planted in fall. Pt, 15c; qt, 25c, postpaid.

White Bottom Sets, qt, 25c, postpaid. Yellow Bottom Sets, qt, 25c, postpaid. Red Bottom Sets, qt, 25c, postpaid. Genuine Red Top Summer Sets, qt, 30c, postpaid.

# ONIONS.

(Zwiebel.)

Sow the seed early in April or as soon as the ground can be worked. One ounce will sow 100 feet of drill. Four pounds to the acre, drills fourteen inches apart. Cover ¾ of an inch. Commence hoeing as soon as the fine, grass-like stems can be seen. Simply skim over the surface and avoid stiiring deeply, rather work the soil away from the bulbs. When the tops become dry and dead, pull and spread over the ground for a few days until fully dried. Cut tops half an inch from the bulbs.

For sowing Onion seed and cultivating the crop, we recommend that you have a good drill and a hand cultivator. For pickles or sets, sow tne seed very thickly and in broad drills about fifty pounds to the acre for sets, and twenty pounds for pickles.

**Extra Early Flat Red**—Remarkably early, of medium size, thriving in cool soils where others fail; a good keeper; shape uniform, round and flat, skin light red, flesh close grained, white and mild; an excellent variety for home gardens. Pkt, 5c; oz, 20c; ¼ lb, 50c; lb, $1.50, postpaid.

**Large Red Wethersfield**—Universally popular, both for market and home use; sure and heavy cropper; long keeper; grows to an immense size; of flattened form; skin purplish red; flesh white, slightly tinged with pink. Pkt, 5c; oz, 15c; ¼ lb, 35c; lb, $1.20, postpaid. By express, 5 to 10 lb lots, $1.00 per lb.

**Yellow Globe Danvers**—A standard everywhere; yields an immense crop of handsome, uniform, large, globe-shaped Onions; early and s good keeper; thin, brownish yellow skin. Pkt, 5c; oz. 10c; ¼ lb, 30c; lb, $1.10, postpaid. By express, 5 to 10 lb lots and over, 90c per lb.

**Flat Yellow Danvers**—Similar to above except being flatter. It matures very early, is a reliable and large cropper, making handsome, good-sized Onions; thin, yellow skin, flesh white and milk. Pkt, 5c; oz, 10c; ¼ lb, 30c; lb, $1.10, postpaid. By express, 5 lb lots and over, 75c per lb.

**Spanish King, or Prize Taker**—One of the finest varieties for the American climate; grows to an immense size, 12 to 15 inches in circumference, often larger; of handsome globe shape, skin pale straw, flesh sparkling white, ot delicate and mild flavor; a phenomenal yielder, and a good keeper for falf and early winter use. Pkt, 5c; oz, 15c; ¼ lb, 50c; lb, $1.75, postpaid.

**White Portugal, or "Silver Skin"**—An excellent and popular Onion for the family garden; of medium size, flat, symmetrical, very early, good keeper, skin and flesh white, fine-grained and unusually mild and delicate; also largely use for pickles when small. Pkt, 5c; oz, 20c; ¼ lb, 60c; lb, $2.00, postpaid.

**Extra Early White Pearl**—The earliest of all white varieties, medium in size, very mild and pleasant. Pkt, 5c; oz, 15c; ¼ lb, 50c; lb; $1 85, postpaid.

**Mammoth Silver King, or White Garganus**—An Italian variety, remarkably early and of enormous size, single bulb weighing from two to three pounds. Flat in shape and very delicate flavor. Pkt, 5c; oz, 15c; ¼ lb, 50c; lb. $1.75. postpaid.

**Southport White Globe**—Silvery white skin; flesh firm, white and mild. Pkt, 5c; oz, 15c; ¼ lb, 50c; lb, $1.75, postpaid.

**Southport Red Globe**—Skin deep purpilish red; flesh white and solid. Pkt, 5c; oz, 15c; ¼ lb, 50c; lb, $1.75 postpaid. By express, 5 lb lots and over, $1.50 per lb.

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All prices quoted in this Catalogue are subject to market changes owing to short crops of most varieties of seed. Higher prices will probably prevail, and we urge our customers to order before stocks are depleted.

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Market gardeners are requested to write or call on us for our Market Gardener Price List.

**Australian Brown**—This magnificent Onion has demonstrated its true worth the past season, both as a cropper and long keeper. Skin is deep brown, very distinct from all other Onions. Extremely early; planted with Wethersfield this year proved to be four weeks earlier. We especially recommend that market gardeners try Australian Brown. Pkt, 5c, oz, 15c; ¼ lb, 40c; lb, $1 25, postpaid.

Australian Brown.

# CHIVES. (Schnittlaüch.)

An onion-like plant, which by some is highly esteemed for use as a salad, the green stems having a very pleasant onion flavor. Also the plant makes an excellent ornamental garden bed edging, which may frequently be cut, a new growth of leaves appearing soon after each cutting. The seed may be sown in rows in place, or in boxes and transplanted. The plants are productive during two or three years, and may be taken up, divided and reset. Pkt, 10c; ½ oz, 25c. Plants per bunch, 25c, by mail, postpaid.

# PARSLEY. (Peterfilie.)

One ounce will sow 100 feet of drill. Hardy and easily grown. Very fine for garnishing, as well as useful in flavoring soups, etc. Soak seed for several hours and sow in rows, and if to be carried late into the fall set eight inches both ways. Will go through the winter with moderate protection.

**Double Curled**—An excellent variety for garnishing meats. Pkt, 5c; oz, 20c; ¼ lb, 20c, lb 65c, post paid.

**Champion Moss Curled**—Leaves beautifully curled and mossy. Pkt, 5c; oz, 10c; ¼ lb, 20c: lb, 65c, postpaid.

**Turnip Rooted, or German Parsley**—A fleshy-rooted variety. Roots used for flavoring soups, etc. Pt, 5c; oz, 10c; ¼ lb, 30c, postpaid.

Hollow Crown Parsnip.

# PARSNIPS. (Bassinake.)

One ounce will sow about two hundred feet of drill. Five pounds one acre. The value of the Parsnip as a vegetable is well known, but as a stock food, not so well known. It is by far more nutritious than Carrots or Turnips, and in some sections is rapidly gaining favor as an economical farm product of great value, especially for dairy stock. Cultivation is similar to Carrots, and it is growing customary to leave Parsnips in the ground over winter, as frost improves the flavor.

**Large Sugar, or Hollaw Crown**—Deriving its name from a slight depression on the top or crown of the rod Roots are comparatively short with a small top Roots grown mostly below the surface, and has a clean, smooth skin. Pkt; 5c; oz, 10c; 1-4 lb 20c; lb 60c, postpaid.

**Long White Smooth**—A long white root, very smooth, tender and sweet. Very hardy and a good winter keeper Will stand the winter without protection. Pkt, 5c; oz, 10c; 1-4 lb, 20c; lb. 65c, postpaid.

**Half Long Short Round**—Extra early, rather small; very valuable for bunching. Pkt, 5c; oz, 10c, 1-4 lb, 20c; lb, 60c, postpaid.

# PEPPER. (Pfeffer.)

Pepper should be sown in hot-beds or cold frame, and transplanted about the last of May. Can be sown in the open ground when the weather becomes settled. Well fertilized, warm, mellow soil is best adapted for the culture of Peppers. Frequent applications of liquid manure should be given to get the best results.

**Ruby King**—Grows four to six inches in length, three to four inches in diameter. Color a bright red; very mild in flavor. used largely for stuffed pickles. Pkt, 5c; oz, 20c; 1-4 lb, 65c, postpaid.

**Large Bell, or Bull Nose**—An old standard variety; used for chopped Pickles. Pkt, 5c; oz. 20c; 1-4 lb, 65c, postpaid.

**Procopps Giant**—Fruit very large, about six inches in length; color a glossy scarlet; very fine. Pkt, 5c; oz, 25c; 1-4 lb, 75c, postpaid.

**Golden Dawn**—Very ornamental and productive. Sweet and mild in flavor. Pkt. 5c; oz, 25c; 1-4 lb, 65c, postpaid.

**Red Custer**—Small and grown in bunches on top of stalk; hot and pungent. Very popular variety. Pkt, 5c; oz, 25c, postpaid.

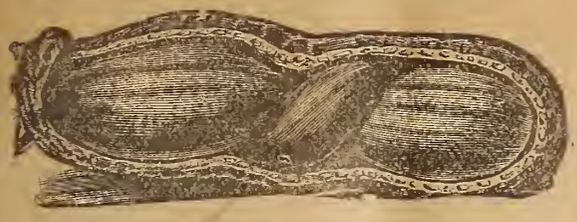
**Cheyenne Long Red**—Cone-shaped red pods. Very hot and used largely for sauces and pickles. Pkt, 5c; oz, 25c, postpaid.

**Small Cheyenne**—Red hot. Used for bottled Pepper sauce. Pkt, 5c; oz 25c, postpaid.

**Celestial**—A striking oddity. A very beautiful plant variegated fruit, when fully matured, a bright scarlet. Pkt, 5c; oz, 25c, postpaid.

**Sweet Mountain, or Mammoth**—Similar to the Bull Nose, but larger and milder in flavor. For stuffed pickles, "Mangoes," 6 to 7 inches. Pkt, 5c; ½oz, 15c; oz, 25c, postpaid.

**Large Chille**—Can be grown successfully in Southern Missouri, Arkansas, Texas and Indian Territory. Extensively used in flavoring chile-con-carne, the dish that is fast becoming so popular in restaurants and homes. Pkt, 5c; oz, 25c; 1-4 lb, 75c, postpaid.



Peanuts.

# PEANUTS.

**Early Virginia Peanuts**—This variety is the most profitable to grow and is more desirable than the common kind. Easily cultivated, very erect stems and upright foliage, large pods and kernels. Pkt. 5c; pt. 10c; qt, 15c, postpaid.

**New Spanish**—The earliest variety grown. Pods are small, but remarkably solid, well filled and the yield per acre very large. Can be cultivated with the plow. Plant two inches deep, 12 inches in the row. Pkt, 5c; pt, 10c; qt, 15c. postpaid.

## CHUFAS, or EARTH ALMOND.

A nice little ground nut which is greatly liked by the children. In sweetness and flavor they resemble the cocoanut or almond and are considered very nice put on the table in a fruit dish with candies, and as an after dinner relish. Very prolific, a single one yielding from two to four hundred. The nuts grow under ground, very near the surface, easily reached by pigs and poultry, and destroyed by them if the have free access. Plant in April, ten inches apart in two and one-half foot rows. Cover them lightly. If the seed is very dry, soak them well before planting. Pkt, 5c: oz, 10c; ¼ lb, 20c; lb, 50c, postpaid.

Chufas.
(Niedrige und hohe Erbsen.)

**For prices on peck, half Bushel and bushel lots of Peas, Beans, Corn, etc., market gardeners, truckers and large planters will please write for our wholesale price list.**

# EXTRA EARLY DWARF PEAS.

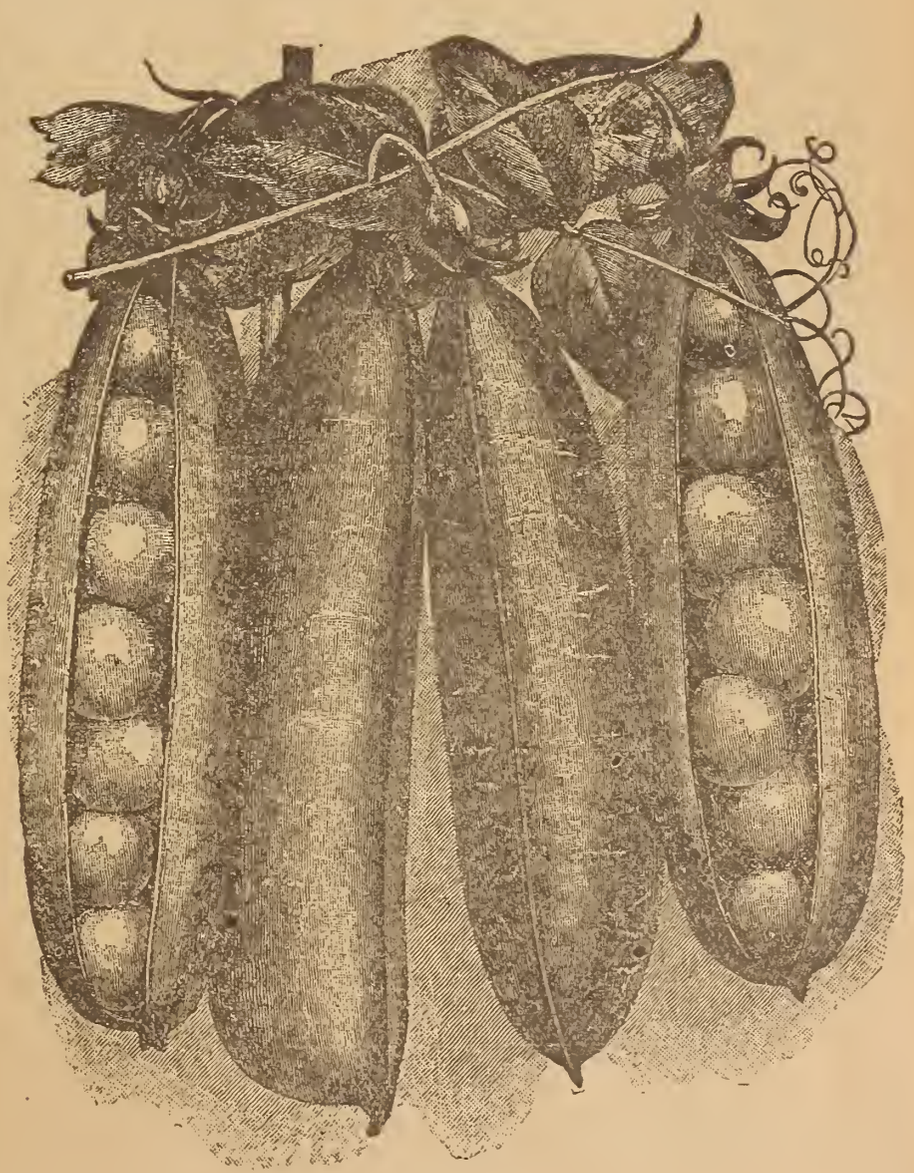
## WRINKLED VARIETIES.

**Carter's Extra Early Premium Gem**—This variety is nearly as early ao the American Wonder aud the very productive vine is decidedly larger, growing to a height of from fifteen to eighteen inches. The pods are large and crowded with six to nine very large peas of fine quality. The seed is green, large, wrinkled, often flattened. Market gardeners use more of this sort than any other wrinkled pea. Pkt, 10c; pt, 20c; qt, 35c, postpaid.

**Nott's Excelsior** — 15 inches. Best Dwarf Wrinkled Pea. The pods average fully one-third larger than the American wonder, and while it may not be quite so early by a few days, but all ready for picking at one time. Each pod coutains six to eight large Peas, which are unusually sweet. Pkt, 10c; pt, 25c; qt, 40c, postpaid.

**Bliss' American Wonder** — The earliest of the wrinkled Peas, aud best for family use. Very dwarf, nine inches high, and remarkably productive, well filled pods, flavor unsurpassed. We heartily recommeud this valuable Pea. Pkt, 10c; pt, 25c; qt, 40c, postpaid.

**McLean's Little Gem**—Eighteen inches. A few days later than First and Best. Matures in eight weeks. When in a green state the Peas are sweet and delicious. Pkt, 10c; pt, 20c; qt, 35c, postpaid.



Carter's Extra Early Premium Gem.

We are in position to furnish you with anything in the way of Bee supplies.

# DWARF SMOOTH SEEDED VARIETIES.

**Alaska, or Earliest of All**—Without doubt the earliest and best smooth blue Pea, ranking with the First and Best as to evenness, uniformity in ripening and earliness. Ripens all the crop at once and an invaluable variety for market gardeners and canners. Vines two to two and one-half feet high. Pkt, 10c, pt, 20c; qt, 35c, postpaid.

**Springfield Seed Company's Extra Early**—A well screened, exara early, selected especially for market gardeners' trade, and ready for market in thirty-seven days from time of planting; height twenty-two inches. Pkt. 10c; pt, 20c; qt, 35c, postpaid

**French Canner**—This is the small French Pea extensively used for canning, and is the most profitable variety grown for that purpose; very prolific, with long, slim pods, containing from seven to ten Peas; height three to three and a half feet. Pkt, 10c; pt, 15c; qt, 30c, postpaid.

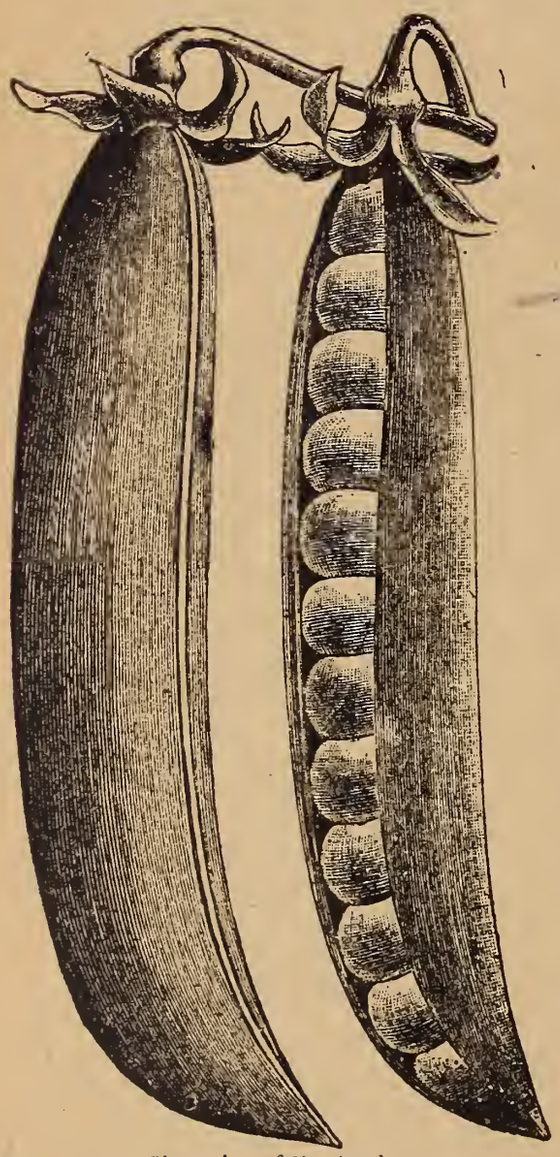
**First and Best Extra Early**—A standard extra early sort, productive, height two and one-half feet. Pkt, 10c; pt, 25c; qt, 35c, postpaid.

**Extra Early Maud S.**—Pods well filled, extremely early, a fine market variety, height two and one-half feet. Pkt, 10c; pt, 25c; qt, 40c. postpaid.

**Extra Early Tom Thumb**—Very early and prolific and very dwarf, growing only ten to twelve inches high. Pkt, 10c; pt, 25c; qt, 40c, postpaid.

**Dwarf Blue Imperial**—An old and well known sort. While producing large Peas of fair quality its place has been largely filled by wrinkled varieties which are sweeter and more tender. Height two feet, seed smooth, blue, somewhat flattened. Pkt, 10c; pt, 20c; qt, 35c, postpaid.

# SECOND EARLY AND MEDIUM SORTS.



Champion of England.

**We Deliver free to consumer Seeds in packets with liberal discounts. See Order Sheet.**

**Champion of England**—We offer a select strain of this grand old favorite, too well known to require extended description. It is a main crop and late variety of vigorsus growth, about five feet high, producing abundantly, large pods of immense Wrinkled Peas that are noted for their tenderness and rich marrow-like flavor. To equal in quality the Champion sf England is the distinction attained by very few Peas. Pkt, 10c; pt, 20c; qt. 35c, postpaid.

**Heroine**—Thirty inches. Bears a profusion of long, slightly cured, pointed pods, containing eight to nine Peas of fine quality. An immense cropper, yields much more than ordinary varieties. A great favorite for market purposes. Pkt, 10c; pt, 20c; qt, 35c, postpaid.

**Telephone**—Selected stock. Immensely productive Leaves coarse; vines grow four feet high. They produce enormously, and eight or ten pods to the vine. The pods are very large; so well filled with Peas of excellent quality that Telephone hns become one of the most prominent late Peas to be grown for the market. Pkt, 10c; pt, 20c; qt, 35c, post paid.

**Advancer**—Two and one-half feet. A great favorite and popularly known as ihe Dwarf Champion; green,wrinkled Peas of fine flavor. Pkt, 10c; pt, 15c; qt, 35c, postpaid.

**Abundance**—Three feet. A deservedly popular variety, branching from the bottom and bearing abundantly roundish pods three to three and a half inches long, well filled with six or eight large wrinkled Peas of excellent quality. Pkt, 10c; pt, 20c; qt, 35c. postpaid.

**Horsford's Market Garden**—Two feet. A grand, wrinkled Pea, noted for its uniform growth and prodigious yield. The pods, though of medium size, are packed with Peas of sweet, delicious flavor. Pkt, 10c; pt, 20c; qt, 35c, postpaid.

**Pride of the Market**—Two feet. A dwarf, robust-growing, wonderfully productive variety; long, handsome, dark green pods, well filed with large Peas of fine quality. Pkt, 10c; pt. 20c; qt, 35c, postpaid.

**Shropshire Hero**—Three feet. A robust grower, producing abundantly long, handsome pods, well filled with large, wrinkled Peas of exquisite flavor. Pkt, 10c; pt, 20c; qt, 35c: postpaid.

**Everbearing**—A green seeded, wrinkled, slightly flattened variety. Height about two feet. Used for late planting; very hardy, vigorous grower and an enormous cropper. Pods and Peas of large size and superior quality. Pkt, 10c; pt, 20c; qt, 35c, postpaid.

**White Marrowfat**—A favorite sort; four feet. Pkt, 10c; pt, 15c; qt, 30c, postpaid.

**Black-Eyed Marrowfat**—This, as well as the preceding, is extensively grown as a Field Pea; hardy and productive; four feet. Pkt, 10c; pt, 15c; qt, 30c, postpaid.

**Tall Sugar, Edible Pod**—Grows to a height of about five feet; bears a profusion of large, broad pods, which are so brittle that they can be used in much the same way as a green bean. Pkt, 10c; pt, 20c; qt, 40c, postpaid.

# PUMPKIN. (Kürbisse.)

Japanese Pie.

**Japanese Pie**—The flesh is very thick, nearly solid, the seed cavity being very small in one end of the Pumpkin; usually fine grained, dry and sweet, having much the taste and appearance as Sweet Potatoes. They ripen early, keep well and produce largely. The seeds are peculiarly marked and sculptured in Japanese characters. Pkt, 5c; oz, 10c; 1-4 lb, 25c; lb, 85c; postpaid.

**Tennessee Sweet Potato**—Pear shaped. Color of skin and flesh creamy white; flesh thick, when cooked resembles Sweet Potatoes Keeps late into spring This is an excellent old favorite Pumpkin. Pkt. 5c; oz, 10c; 1-4 lb, 35c; lb, $1.25, postpaid.

**Small Early Sugar**—A very handsome little Pumpkin, with deep orange-colored skin, and flesh of unusually fine sugary flavor—fine grained, very productive and keeps well. Pkt, 5c; oz, 10c: ¼ lb, 25c; lb, 75c, postpaid

**King of the Mammoth**—The giant among Pumpkins; often reaches a weight of over a hundred pounds. Skin salmon colored. Flesh bright yellow, fine grained and of good quality. Pkt, 10c; oz, 15c; ¼ lb, 50c; lb, $1.50, postpaid.

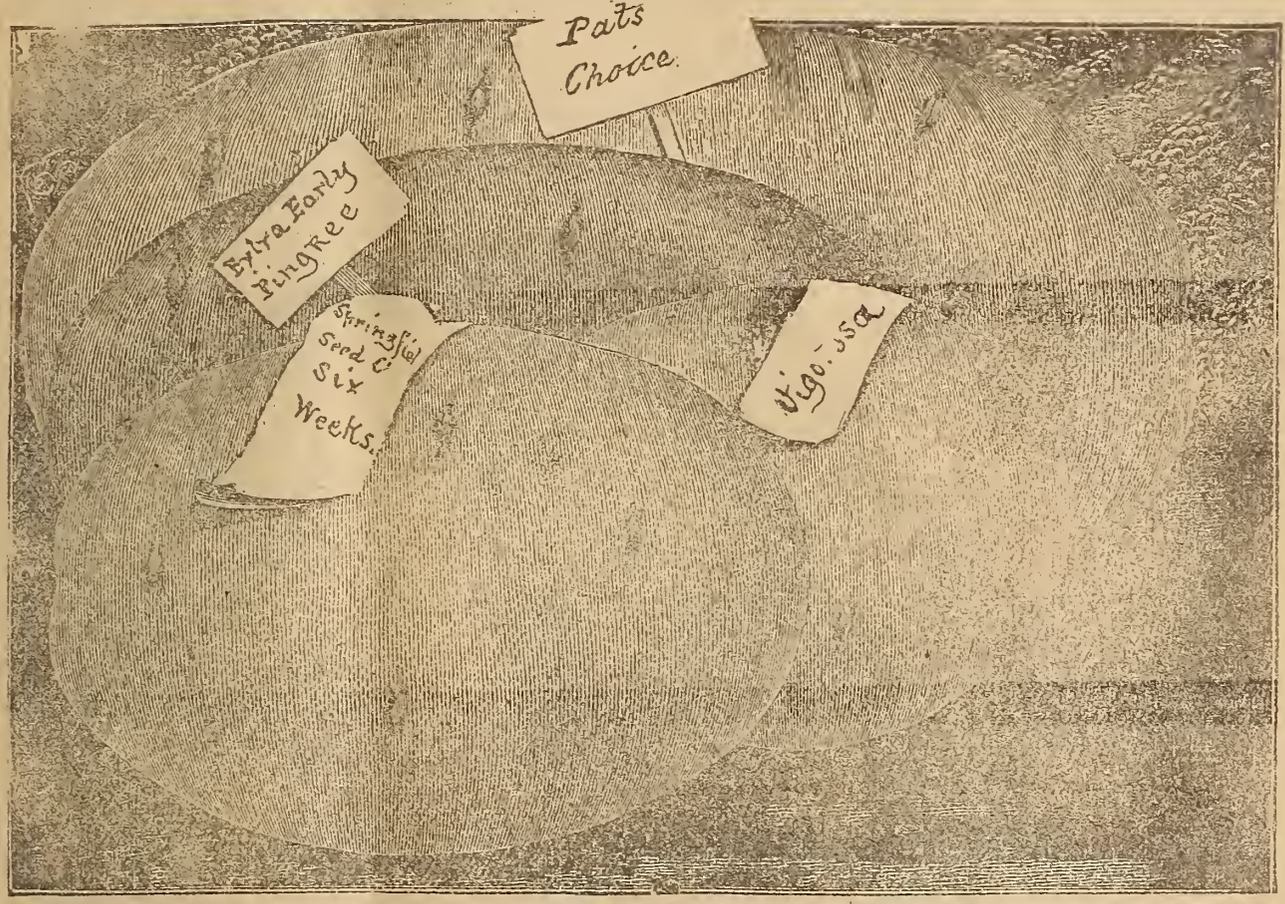
**Connecticut Field**—A very prolific variety, especially valuable for stock feeding. Pkt, 5c; lb, 25c, postpaid.

**Large Cheese**—The most popular for pies and table use; large, flat-round; creamy yellow skin; thick, orange flesh of fine quality; a splendid keeper. Pkt. 5c; oz, 10c; ¼ lb, 20c; lb, 60c, postpaid.

**Write for special prices on Pumpkins in large quantities.**

# NORTHERN SEED POTATOES. (Kartoffeln.)

Do not compare our Seed Potatoes with the worthless mixed stock offered by some who can always fill your order for any variety, if they have any Potatoes in stock at all. Our stock is always well selected as to purity, and we accept no orders that we cannot fill properly.

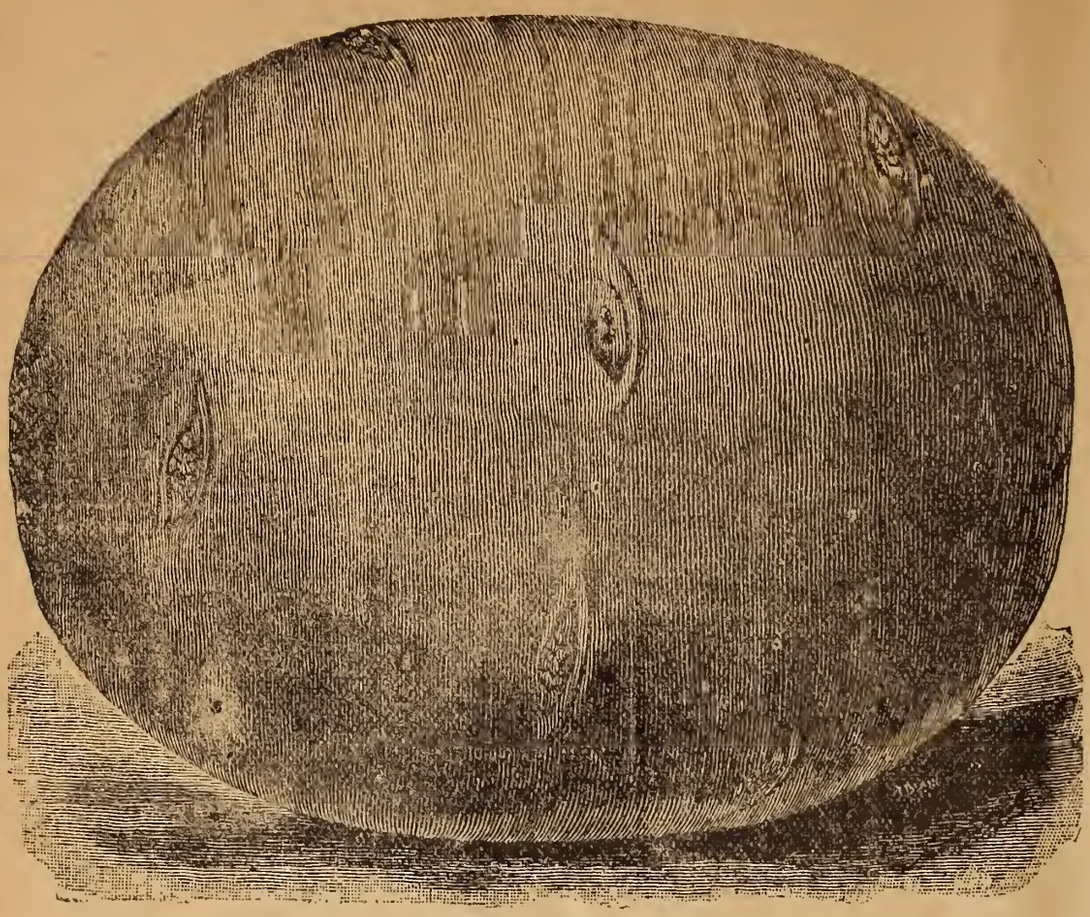



## Springfield Seed Company's CHOICE POTATO COLLECTION

**Of Four of the Best Varieties on the Market**

**Barrel Assorted Contains Pat's Choice, Pingree, Vigorosa and S. S. Co.'s Early Six Weeks.**

**At $4.50 Per Barrel.**



Early Ohio, Red River Stock.

**Early Ohio**—Minnesota grown. This well known standard sort needs no description, having stood the test of years and holds its own as a favorite early potato for the home garden and the market.

We are very large dealers in pure northern grown Seed Potatoes. **Write for prices.**

**Early Ohio**—Red River stock. Especial attention is called to this strain of Ohios for market purposes. While they do not produce as many tubers as the old strain, they are very uniform in size, free from rust or scab, a few days earlier and excellent keepers and shippers.

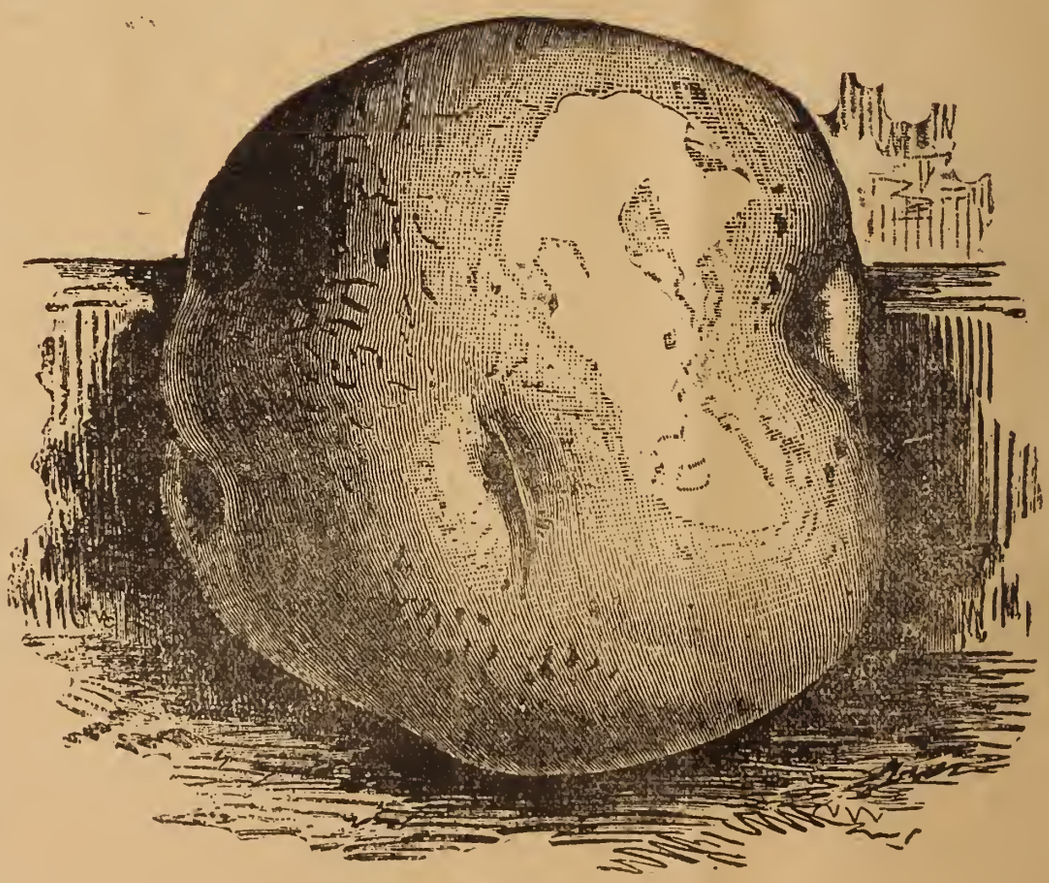
We handle only the finest Seed stock. **Write for prices.**

**Peerless**—A large, round late sort of great size and beauty. Very productive; a standard shipper in all potato growing districts.

We get our Seed Potatoes direct from the best Northern growing stations, and are in position to name very interesting figures for straight, true stock. **Write for prices.**

**Burbanks**—The best late sort for our section; a good cropper and an excellent keeper. **It will pay you to write for prices.**

**Bliss' Triumph**—The earliest of all. A pink skinned sort which is rapidly supplanting all other sorts as an extra early shipping potato in the South and West. They are the first new potatoes to appear pear on our markets in the spring and sell readily at high prices. Hundreds of car loads are shipped each season from Arkansas, Texas and Oklahoma. The shape is almost round; they are very solid and heavy. Skin smooth and of a beautiful pink or light red color. Marvelously early and a big yielder.



Bliss' Triumph.

The quantity of strictly high grade Seed Potatoes we handle enables us to sell you the best at no higher prices than inferior stock can be bought for. Before you buy **write for prices.**

**Extra Early Pingree**—Notwithstanding the very adverse conditions prevailing last season, Pingree made good all claims for earliness, productiveness and quality. Three to six days earlier than Bovee. We would refer you to those who tried Pingree last season. Freight or express, pk, 50c; bu, $1.75.

**Vigorosa**—A fine second early, being about six days later than Triumph or Pingree. Handsome in appearance and color. Always a ready seller. We would especially recommend it to the market garden trade as a cropper, a seller and keeper. Pk, 50c; bu, $1.65, freight or express.

**Springfield Seed Company's Early Six Weeks**—This potato has a great record as a drought resister. Dry weather does not hurt it, and makes itself in six weeks. The Six Weeks Market Potato not only is an extra early sort, it is a variety that is good all summer and fall, and is marketable any time after forty to fifty days from planting. Many market gardeners had potatoes in less time. In fact, it is perfect potato in every respect. Pk, 60c; bu, $2.00, freight or express.

**Pat's Choice**—Our supply of Pat's Choice the past season was very limited, but from the fact that those who tried it were so well pleased, we have made special effort to get sufficient supply and again call especial attention to its merits. We believe it to be the best general cropper now grown, a good seller, being remarkable for smoothness, size and beauty. Stock direct from originator. Pk, 75c; bu, $2.75, freight or express.

**True Early Rose**—The Early Rose is a standard early potato and is so well known as to need no description. We are prepared to sell fine Northern grown selected stock. Before you buy it will pay you to write for prices.

We can supply for the greater part of the season many varieties not included in this list. **Write for prices.**

Prices made subject to market changes, and orders filled at lowest prevailing price on date order is received.

**Order a bag of Springfield Seed Company's Special Potato Fertilizer and try it this year. You will be amazed at the increased yield. Price per 100-pound bag, $1.50. Requires 200 pounds to acre.**

# SEED SWEET POTATOES. (Süß=Kartoffeln.)

Write for prices.

| | | |
|---|---|---|
| **Vineless or Bunch Yam,** | **Southern Queen,** | **White Brazilian,** |
| **Yellow Nansemond,** | **Red Nansemond,** | **Red Bermuda,** |
| **Yellow Jersey,** | **Red Jersey,** | **Yellow Yam.** |

**Early Golden.** **Key West.**

Owing to the perishable nature of Sweet Potatoes, our responsibility ceases upon delivery to railroad company and receipted for in good condition.

**For prices on Sweet Potato Plants see Page 30.**

# RADISH. (Rettige.)

One ounce of seed will sow 100 feet of drill. Radishes are chiefly cultivated for their roots, although many times the young leaves are used as a salad, and the green seed pods often for pickles. Should be sown early in the spring, and for the best results on a rich sandy soil.

**Early Scarlet Turnip**—The popular standard; of medium size, bright scarlet color, rapid grower; and of mild flavor. Pkt, 5c; oz, 10c; ¼ lb, 20c; lb, 60c, postpaid.

**Early Scarlet Turnip, White Tipped**—A beautiful variety, deep scarlet with white tip. It is very ornamental for table use, and is becoming very popular as a market variety. It is of the same size and shape as the scarlet turnip variety, Pkt, 5c; oz, 10c; ¼ lb, 20c; lb, 60c, postpaid.

**Philadelphia White Box**—Perfect turnip shape; a long cropper, remaining solid, sweet and juicy long after having reached maturity. Grows rapidly and very desirable for forcing purposes.

**Early White Turnip**—Similar to Philadelphia White Box.

**Scarlet, Olive Shaped**—An old favorite, half-long, oval-shaped variety, maturing in twenty-five days bright scarlet; flesh white, crisp and mild. Pkt, 5c; oz, 10c; ¼ lb, 20c; lb, 60c, postpaid.

**White, Olive Shaped**—Similar to the above in shape, size and maturity, excepting the skin is pure white. Pkt, 5c; oz, 10c; ¼ lb, 20c; lb, 60c, postpaid.

**French Breakfast**—A favorite, oval-shaped, bright scarlet Radish, with white tip; fine for either open ground or forcing. Pkt, 5c; oz, 10c; ¼ lb, 20c; lb, 60c, postpaid.

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There will unquestionably be a great shortage in Beans, Squash, Cucumber, Muskmelon, Sweet Corn, Beet and Turnip Seed; in fact, crop reports indicate that there will be the greatest shortage ever known. If you are interested, would suggest that you place your order without delay, as we do not believe the prices catalogued will prevail for any length of time.

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We are unable to make definite prices on Field Seeds, Seed Potatoes, etc., in quantities in this Catalogue. If you will write us, sending us a list of your probable requirements, we shall be glad to quote our lowest prices by mail.

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**SMALL ORDERS**—We take as much pains to fill small orders promptly and correctly as we do large ones. Do not hesitate to write us if you only want a single packet.

**Yellow Summer Turnip**—An excellent summer and fall sort, best to stand the heat; can be sown late; is a general favorite with market gardeners; large; oblong, russet color.

**Half-Long Deep Scarlet**—A variety half the length of Long Scarlet and of same form. Matures in twenty days.

**Long White Vienna, or Lady Finger**—One of the finest and most popular of the long Radishes, growing six to eight inches in length, beautiful in shape, skin and flesh pure white.

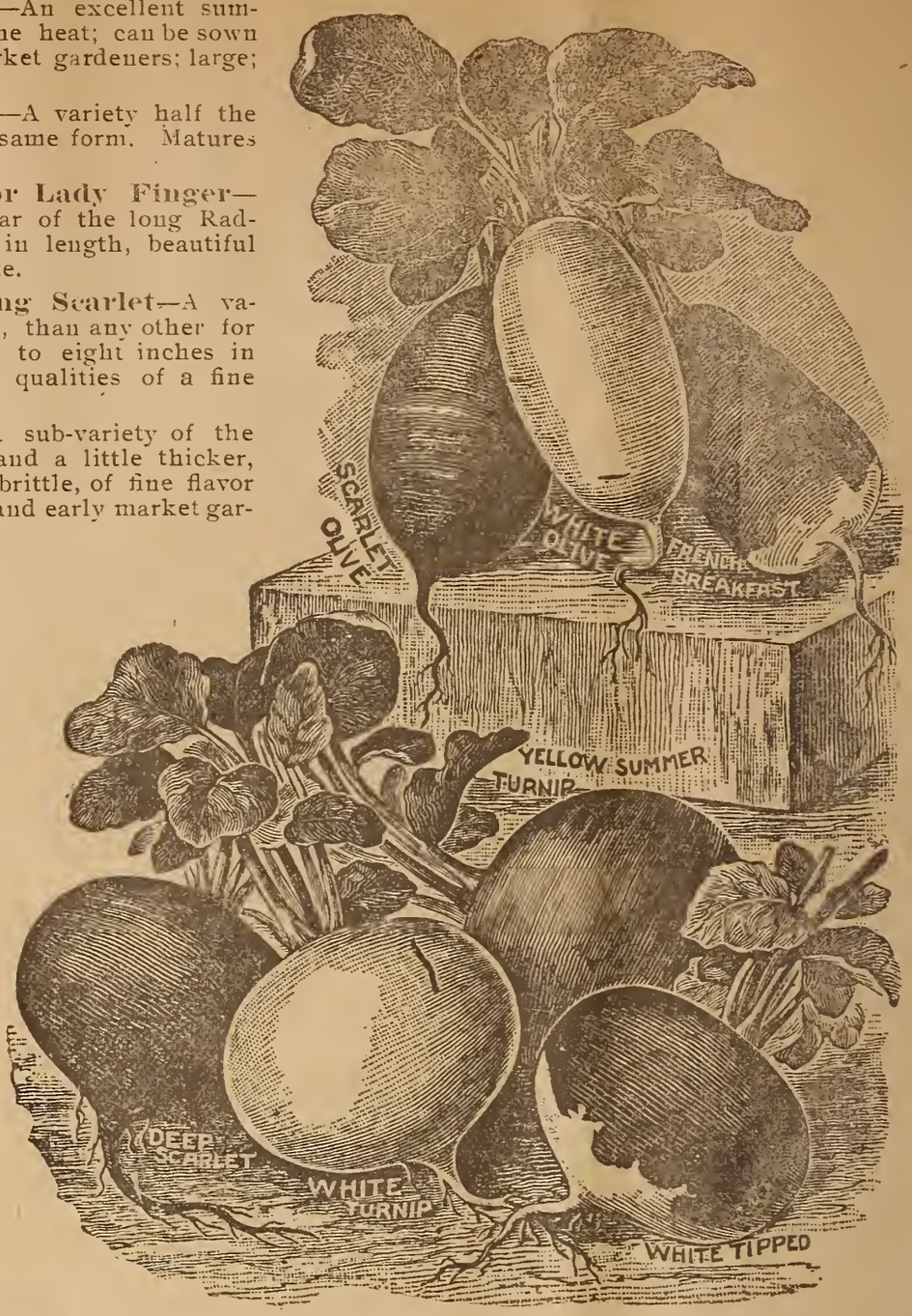
**Market Gardener's Long Scarlet**—A variety more largely used, perhaps, than any other for outdoor planting. Growing six to eight inches in length, and possessing all the qualities of a fine Radish.

**Wood's Early Frame**—A sub-variety of the Long Scarlet, not quite so long and a little thicker, of brilliant scarlet color, mild, brittle, of fine flavor and the most suitable for forcing and early market garden.

**White Strasburg**—Of handsome, oblong, tapering shape; both skin and flesh are pure white. The flesh is firm, brittle and tender, and possesses most desirable character of retaining crispness even when old and large. Excellent for summer use, and withstands severe heat and grows very quickly.

**Improved Chartier**—(Scarlet, white tip)—A distinct, exceedingly handsome and attractive sort. Color of the top is scarlet rose, shading into pure waxy white at the tip. Attains a very large size before it becomes unfit for the table; undoubtedly the best all seasons Radish for the open ground. Ready for use or market nearly as early as Long Scarlet Short Top, and keeps crisp and tender for two months. Planted late it makes a good winter keeper.

**St. Louis White Summer**—Very similar to Strasburg, but somewhat longer.




**Early White Giant Stuttgart Summer** (Round)—A large grower, top-shaped and long keeper, all white, smooth, brittle, never pithy, second early; also extra variety for late planting.

**All Seasons, or Celestial**—Introduced in 1890 and has proved of great value as a summer and fall sort, keeping also quite well for winter use. Has large ivory white roots of excellent variety.

**Prices, where not otherwise specified, on above varieties of Radishes: Pkt, 5c; oz, 10c; 1-4 lb, 20c; lb, 50c, postpaid.**

## WINTER VARIETIES. (Winter-Rettige.)

**Chinese Rose**—Flesh white, firm and of a superior quality. Skin of a bright rose color.

**Black Spanish**—Very hardy and very large sort. Flesh solid and a good keeper. An excellent variety for winter use. Roots oblong.

**Round Black Spanish**—Globe-shaped, black-skinned, white flesh and very hardy; highly flavored

**Long White Spanish**—Valuable for winter use. Should be better known.

**California Mammoth White**—Winter sort, flesh white, excellent quality, largest of all.

**Prices on all varieties Winter Radish: Pkt, 5c; oz, 10c; 1-4 lb, 20c; lb, 60c, postpaid.**

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To avoid delays when ordering late in the season it would be well to note your second choice in the event that we are sold out of the varieties ordered.

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Our aim is ts fill all orders the day received, but during the busy season it is sometimes impossible. Order early and avoid delays.

## RHUBARB (PIE PLANT). (Rabarber.)

**Linnæus**—Early, large, tender and very fine. Pkt, 5c; oz, 20c; ¼ lb, 50c, postpaid.

**Victoria**—Very large, the finest cooking variety. Pkt, 5c; oz, 20c; ¼ lb, 50c, postpaid.

**RHUBARB ROOTS**—Good strong crowns of three or more eyes, each, 10c; dozen, $1.00, freight or express.

## HORSE-RADISH SETS. (Meerrettig-Wurzeln.)

A condiment in good demand, winter and spring. Culture—Multiplied by sets or root cuttings. Plant in rows two to three feet apart and 15 to 18 inches apart in the rows. Insert sets in deep, rich, moist soil in perpendicular position, with crown three to six inches below surface. Repeat yearly for best quality. Set at rate of 10,000 to 15,000 roots per acre.

**California Mammoth White**—A very fine winter sort of immense size and an excellent keeper. Sets, 25c per dozen; 90c per 100, by mail, postpaid. By express or freight, purchaser paying charges, 50c per 100; $4.00 per 1,000.

## SALSIFY. (Vegetable Oyster). (Schwarzwurzel.)

One ounce will sow 50 feet of drill. Why don't you grow Salsify? We are certain if you grow it one year you will never be without it. Salsify is one of the most delicious and nutritious of vegetables, and should be more generally cultivated for use in winter, when the supply of really good vegetables is so limited. It has the true oyster flavor, and makes a delicious and inexpensive substitute for them in soup, etc. Cultivate like parsnips.

**Mammoth Sandwich Island**—Averages fully double the size of the old Long White. Roots are white, smooth, and notwithstanding their enormous size, are of superior quality. Pkt, 5c; oz, 10c; ¼ lb, 35c; lb, $1.25, postpaid.

**Large White**—The common variety; roots medium sized, smooth; flesh white. Pkt, 5c; oz, 10c; ¼ lb, 35c; lb, $1.25, postpaid.

Bloomsdale Savoy Leaved Spinach.

## SPINACH. (Spinat.)

One ounce will sow 80 feet of drill; 10 lbs to the acre. The finest plant for "greens" in cultivation. For summer, sow early in spring in deep, rich soil, in drills one foot apart; cover one inch. Sow at intervals of two weeks thr ughout the season. For very early spring use, sow the winter varieties first of September, protect by covering with straw.

**Bloomsdale, or Savoy Leaved**—Leaves large, thick and succulent. Curled and wrinkled like Savoy Cabbage. The hardiest and most productive sort. Oz, 5c; ¼ lb, 10c; lb, 35c, postpaid.

**Round Thick Leaf**—An excellent standard variety for spring sowing. Oz, 5c; 1-4 lb, 10c; lb, 35c, postpaid.

**Long Standing** A very valuable sort, slow to seed. Oz, 5c; 1-4 lb, 10c; lb, 35c, postpaid.

**New Victoria**—Broad, dark green leaves, remains in a tender condition without going to seed longer than any other variety. Oz, 5c; 1-4 lb, 10c; lb, 35c, postpaid.

**Write for prices on Spinach in large quantities.**

## SQUASH. (Kürbisse.)

**White Bush, or Pattypan**—A pure white slightly ribbed variety, flat, very early, and a great favorite. Pkt, 5c; oz, 10c; 1-4 lb, 30c; lb, 85c, postpaid.

**Mammoth Yellow Bush**—Very similar to White Bush, except in color, It is a deep golden yellow, very productive and of fine quality. Pkt, 5c; oz, 10c; 1-4 lb, 30c; lb, 85c, postpaid.

**Essex Hybrid**—This is not only one of the richest flavored, finest grain and sweetest of all Squashes, but it is also one of the very best keepers that we know of. Short cylindrical shape, having on the blossom end a small cap-shaped enlargement. The flesh is dry, sweet and thick, and of a bright orange color. Pkt, 5c; oz, 15c; 1-4 lb, 40c; lb, $1.25, postpaid.

**New Red, or Golden Hubbard**—A perfect type of the Green Hubbard, except in color, which is a bright, deep orange yellow. It is very handsome and attractive and a ready seller. Quality and flavor the best. Pkt, 5c; oz, 15c; 1-4 lb, 40c; lb, $1.25, postpaid.

**Marblehead Mammoth**—It is unquestionably an excellent keeper, and is finer grained and dryer than any sort we have seen. About the size of the Hubbard, with shell of bluish-green, and bright orange flesh. Requires the whole season to mature. Pkt, 5c; oz, 15c; 1-4 lb, 45c; lb, $1.40, postpaid.

White Bush Squash.

**Mammoth Chili**—The "Jumbo" of the Squash family. The form is round, flattened at both stem and blossom end. The outer color is a rich orange yellow; skin is quite smooth, with wide fissures. Flesh is very thick and of a rich yellow color; the quality is good and nutritious. They are most profitable to grow for stock feeding. They keep well throughout the entire winter. Pkt, 5c; oz. 15c; 1-4 lb, 50c; lb, $1.75. postpaid.

**Chicago Warted Hubbard**—The ideal Hubbard for home or market. Very large and uniform in size. Has a rich dark green skin which is rough and heavily warted. It attracts when placed on display and sells readily when other kinds are a drug on the market. The vines grow strong and vigorous and are as productive as the old variety. Pkt, 5c; oz, 15c; 1-4 lb, 50c; lb, $1.75, postpaid.

**Winter Crookneck**—Vines very long, hardy and vigorous; size medium. Flesh solid and of good flavor. A beautiful salmon color. Pkt, 5c; oz, 15c; 1-4 lb, 45c; lb, $1.25, postpaid.

**Boston Marrow**—Extensively grown and most profitable for winter use and canning Flesh orange, fine-grained, splendid for pies and as a winter keeper. Pkt, 5c; oz, 10c; 1-4 lb, 30c; lb, 90c, postpaid.

Chicago Warted Hubbard.

**Fordhook**—A most excellent new Squash, of handsome appearance, yellow outside and straw color within. The flesh is as dry as Pike's Peak and of the most delicious flavor. It ripens early, and is one of the best keepers we know of. It can be kept all through the winter until June. It is very prolific, and bug and borer proof. We can highly recommend it to our customers. Pkt, 5c; oz, 15c; 1-4 lb, 45c; lb, $1.35, postpaid.

Giant Summer Crookn

**Faxon**—The flesh is a deep orange yellow, cavity very small and seeds few; the special peculiarity, however, is that while uncooked it appears to have a shell like any Squash, but when cooked there is practically none, the shell, or inedible part, being only about as thick as a sheet of writing paper. It is sweet, very dry, matures early and can be used as a summer Squash. Pkt, 5c; oz, 15c; 1-4 lb, 50c; lb, $1.75, postpaid.

**Giant Summer Crookneck**—Much larger than the common variety and a great seller. Very early. Has a rough, warty surface, a deep orange yellow color. Pkt. 5c; oz, 15c. 1-4 lb, 45c; lb, $1.25, postpaid.

**Hubbard**—It still retains its place as the standard of all winter varieties; hard shell and a good keeper. Too well known to need further description. Our seed is well selected and will give entire satisfaction. Pkt, 5c; oz, 15c; 1-4 lb, 45c; lb, $1.50, postpaid.

**The seed crop of Squash is almost a failure this season. Prices are therefore higher than last year.**

# TOMATOES. (Liebes-Aepfel.)

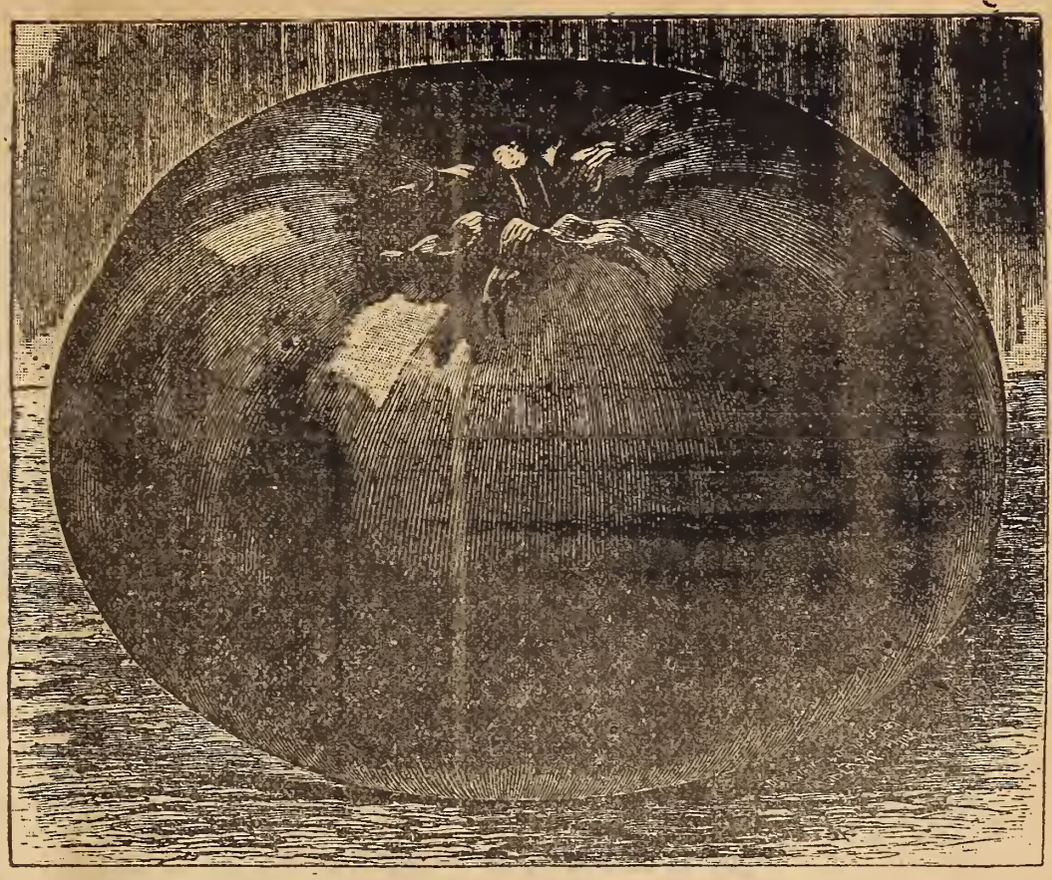
Sow the seed in a hot-bed the first week in March, in drills half an inch deep. When the plants are about two inches high transplant into another hot-bed or into small pots, one plant in each pot; in that way the plants are strengthened and branch out better. Set the plants out about the first of June, about three feet apart, for early crop, mixing a shovelful of well-rotted manure in each hill. For late crops, or where the soil is heavy, plant four feet apart. Water freely when transplanting and protect from the sun for a few days until the plants are fairly started. A few plants may be raised by sowing seed in a pot or a box in the house.

**Beauty** (Livingston's)—A very fine variety of large size; grows in clusters of four or five; color glossy crimson with a purplish tinge. Very solid with a tough skin, making it a desirable market variety. Pkt, 5c; oz, 25c; 1-4 lb, 65c; lb, $2 00, postpaid.

**Royal Red**—Royal Red is a first-class main crop variety for the shipper, market and private gardener; of special value to the canner and catsup maker. Pkt, 5c; oz, 20c; 1-4 lb, 60c; lb, $1.85, postpaid.

**Atlantic Prize**—This is the largest, smoothest, best flavored and brightest colored extra early Tomato. Vine medium size, with few leaves, very hardy, bearing the fruit low down on the stem and in enormous clusters, which ripen all together. Those whose trade demands that they have a large, smooth, good flavored, very early fruit will find this variety to be just what they want. Pkt, 5c, oz, 25c; 1-4 lb, 65c; lb, $2.00, postpaid.

**New Stone**—Unquestionably the best general crop Tomato in cultivation for the home garden and for the canner. For the market gardener it stands without a peer. For several years we have made a specialty of our New Stone Tomato with remarkable success. Our strain this season is of the same type, produced by the same grower, and we can assure our friends among the canners of the same grade of seed as heretofore. We feel assured of the patronage of those who have used our New Stone, and would ask of those who have been buying elsewhere to give us a chance to make you prices. It has been our custom to supply affidavit of germination to canners. Write for special prices in large quantities. Pkt, 5c; oz, 20c; 1-4 lb, 60c; lb, $1.90, paid.



New Stone.

**Dwarf Champion**—A new and valuable variety, entirely different from all other sorts in style of growth; being dwarf and compact stands straight up with thick, short, jointed stems, and on this account it is very valuable, as it can be planted exceedingly close and still leave plenty of room to gather the fruit. An extra early sort and therefore valuable to market gardeners, as the first Tomatoes in the market always command the highest price. The fruit is of purplish pink color, round and smooth, greatly resembling the Acme; flesh very solid and of the finest quality. Pkt, 5c; oz, 35c; ¼ lb, $1.00; lb, $3.00, postpaid.

**Honor Bright**—A new and very distinct variety. The foliage is a yellowish-green, and the fruit as it ripens turns first white, then yellow, and when fully ripe is a bright red. The fruit ripens slowly, and seems to ripen up exceptionally well after picking, so that fruit can be picked when white, packed and shipped and after five to ten days will be found solid and ripened to a rich bright red. Well worthy of trial. Pkt, 5c; oz, 25c; ¼ lb, 75c; lb, $2.50, postpaid.

**Matchless**—A large, bright red Tomato, which has become very popular in the East. The fruit is large, very smooth and symmetrical, ripening well to the stem. The flesh is of a rich, bright red color and of fine quality, though softer than that of either Improved Trophy or Stone. Pkt, 5c; oz, 25c; 2 oz, 40c; ¼ lb, 75c; lb, $2 50, postpaid.

**Acme**—An old-time popular variety, having at all times given entire satisfaction. Round, smooth purple. Our seed is of good selection. Pkt, 5c; oz, 20c; ¼ lb, 65c; lb, $2.00, postpaid.

**Favorite** (Livingston's)—Ripens evenly and as early as any good variety, holding its size to the end of the season; very prolific; good flavor, few seeds, flesh solid. Pkt, 5c; oz, 25c; ¼ lb, 65c; lb, $2.00, postpaid.

**Perfection** (Livingston's)—Larger in size than the Acme; color blood-red; it is one of the first to ripen; almost round in shape, perfectly smooth and very solid; of the best quality; enormously productive. Pkt, 5c; oz, 25c; ¼ lb, 65c; lb, $2 00, postpaid.

**Crimson Cushion**—Of immense size, one to two pound each; smooth, almost seedless and solid as beefsteak; a prodigious and continuous bearer until frost, color rich crimson scarlet; quality meaty and superb, either sliced or cooked. Pkt, 10c; oz, 60c; ¼ lb, $2.00, postpaid.

**Magnus**—A handsome late Tomato, for main crop; large, deep, solid and heavy fruits of purplish-red color; borne in clusters, very productive; plant vigorous. Pkt, 10c; oz, 30c; ¼ lb, $1.00; lb, $3.00, postpaid.

**Mikado**—A medium early, very large, fruiting variety; solid, smooth and usually perfect in form; plant vigorous, growing "potato" leaved. Pkt, 5c; oz, 25c; ¼ lb, 75c; lb, $2 50, postpaid.

**Ponderosa**—Not only the largest-fruited Tomato grown, frequently weighing two to four pounds each, but the handsomest and finest in quality; almost as solid as beefsteak, nearly seedless, with firm, meaty, rich red flesh; unequaled and delicious either sliced, cooked or canned; a healthy, luxuriant grower, prodigious and continuous yielder from early in the season until frost. Pkt, 10c; oz, 50c; ¼ lb, $1.50, postpaid.

**Imperial**—A splendid new purplish red sort, perfectly smooth, solid, and has very few seeds. It ripens evenly to the stem, is a strong grower, and is not subject to crack or blight. Although one of the earliest, it continues to bear large fruits till killed by frost. Pkt, 5c; oz, 20c; ¼ lb, 60c; lb, $2.00, postpaid.

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It sometimes happens we can supply varieties not mentioned. If interested write us what you desire and quantity required. If possible we will quote special prices.

**Buckeye State**—A late, purple fruited variety, and we think one of the best late sorts. The vine is exceptionally strong and vigorous. It should be given more room than most. Fruit very large, round, smooth and of good quality. Pkt, 5c; oz, 25c; ¼ lb, 90c; lb, $3.00, postpaid.

**Improved Trophy**—First of modern improved kinds. Our Improved Trophy is a sort whose large, vigorous and productive, solid, smooth, fine flavored, beautiful fruit will satisfy the most exacting. Much liked for canning as well as fresh. Pkt, 5c; oz, 25c; ¼ lb, 65c; lb, $2.00, postpaid.

**Golden Queen**—The superior flavor of the yellow varieties is bringing them into favor as a table fruit; and those who think of a yellow Tomato as rough fruit of the old yellow sort will be surprised at this smooth, beautiful fruit, it being as smooth as the best of the red varieties, and of a fine and distinct flavor. Pkt, 5c; oz, 25; ¼ lb, 75c; lb, $2.50, postpaid.

**Yellow Plum**—Fruit plum-shaped, clear, deep yellow; flesh yellow and fine flavored. Much esteemed for preserves. Pkt, 5c; oz, 25c; 2 oz, 40c; 1-4 lb, 75c; lb, $2.50, postpaid.

**Red Cherry**—Fruit small, about five-eighths of an inch in diameter; perfectly round and smooth. Fine for pickles and preserves. Pkt, 5c; oz, 25c; 2 oz, 40c; 1-4 lb, 75c; lb, $2.50, postpaid.

**Yellow Cherry**—Differs from the preceding in color only. Pkt, 5c; oz, 25c; 2 oz, 40c; 1-4 lb, 75c; lb, $2.50, postpaid.

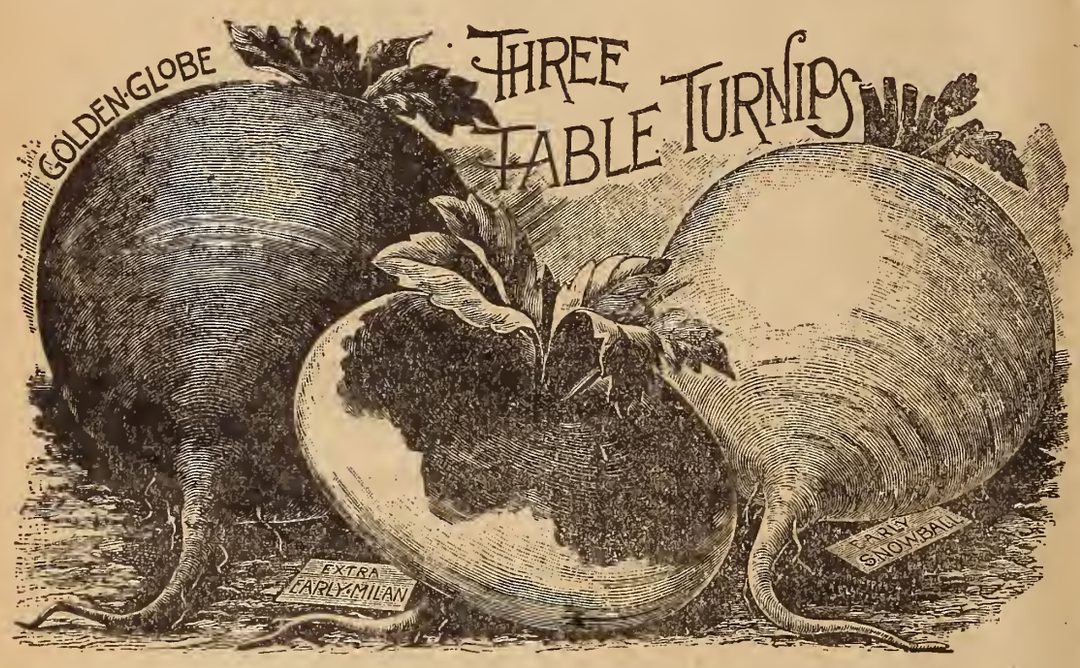
**Peach**—This is a distinct and very attractive appearing Tomato, highly desirable for preserving, eating from the hand, or table decorations. Fruit resembles a peach in shape, size and color, and is covered with a delicate down, which makes the deception quite complete. Flesh tender and of good flavor. Should find a place in every garden. Pkt, 5c; oz. 25c; 2 oz, 40c; 1-4 lb, 75c; lb, $2.50, postpaid.

**Pear Shaped Red and Yellow**—Small fruit, growing in clusters. Exceedingly productive. Much used for preserving. Each, red or yel ow, per pkt, 5c; oz, 20c; 1-4 lb, 65c; lb, $2.50, postpaid.

**Husk Tomato, or Ground Cherry**—This is liked by many for preserving or eating from the hand. The seed we offer is that of the true Yellow Ground Cherry, not the purple fruited sort which is scarcely edible. Pkt, 5c; oz, 25c; 2 oz, 40c; 1-4 lb, 75c, lb, $2 50, postpaid.

# TURNIPS. (Runkel = Rüben.)

One ounce will sow 150 feet of drill; one to one and one-half pounds to the acre. For the early spring and summer crop, get them started as soon as possible so they may have grown to a sufficient size before hot weather. For the main crop sow the middle of July to the last of August. For feeding stock in fall or winter, there is nothing superior to the Turnips and Ruta Bagas, as they yield a larger amount of food than anything else on the same space of ground.




**Extra Early Purple Top Milan**—The earliest in cultivation. The bulb is very flat of medium size, quite smooth, with a bright purple top. Leaves few, short and light color, growing very compact and making an exceedingly small and neat top. The pure white flesh is of the choicest quality, hard, solid and fine grained. It is an excellent keeper. Pkt, 5c; oz, 10c; 1-4 lb, 25c; lb, 80c, postpaid.

**Extra Early White Milan**—Very similar to the preceding except the skin is a pure white, thus making it especially desirable for forcing. Pkt, 5c; oz, 10c; 1-4 lb, 30c; lb, 85c, postpaid.

**Early Snowball** (Extra Early)—This is a small white globe, very quick, earliest in maturity of its form and character. We highly recommend it for table purposes. Pkt, 5c; oz, 10c; 1-4 lb, 20c; lb, 75c, postpaid.

**Pomeranean White Globe**—This is one of the most productive kinds, and in good, rich soil roots will frequently grow to twelve pounds in weight. It is of perfect globe shape. Skin white and smooth. Leaves large and dark green. Pkt, 5c; oz, 10c; 1-4 lb, 15c; lb, 45c, postpaid.

**Long White, or Cow Horn**—Grows very thickly, partly above ground. Very productive. Flesh white, fine grained, sweet and of excellent quality for family and market gardener's use. Pkt, 5c; oz, 10c; 1-4 lb, 15c; lb, 50c, postpaid.

**Early White Egg**—An egg-shaped variety for spring or fall sowing. Flesh white, firm, fine grained, mild and sweet. Pkt, 5c; oz, 10c; 1-4 lb, 20c; lb, 50c, postpaid.

**Golden Globe**—One of the best varieties for a field crop for stock. Flesh yellow, fine grained and sweet. Color of skin yellow, top green. Hardy, keeps well, a good cropper. Very popular in the South. Pkt, 5c; oz, 10c; 1-4 lb, 20c; lb, 60c, postpaid.

**Large White Norfolk**—A standard sort, usually grown for feeding stock, but like other large white varieties, though a little course, it is of very good quality for the table. The roots are large, spherical, or slightly flattened, and very white. It is allowed to stand out during the winter in the South and Southwest, where the tops are used for greens. pkt, 5c; oz, 10c, 1-4 lb, 15c; lb, 45c, postpaid.

**Early White Flat Dutch** (Strap-Leaved)—This is a popular early Turnip for table use. For autumn and early winter use, this and the Purple Top are highly popular, but as they become over-ripe with age, and in keeping lose somewhat of ther succulence, they need to be succeeded by the Pomeranian Globe or the Amber Globe. Pkt, 5c; oz, 10c; 1-4 lb, 15c; lb, 45c, postpaid.

**Large White Globe**—A large, round, white Turnip, with firm, sweet flesh. Pkt, 5c; oz, 10c; 1-4 lb, 15c; lb, 45c, postpaid.

**Seven Top**—Cultivated extensively in the South for the tops, which are used for greens. It is very hardy and will grow all winter, but does not produce a good root, and is only recommended for the tops. Pkt, 5c; oz, 10c; 1-4 lb, 15c; lb, 35c, postpaid.

**Yellow Aberdeen**—Excellent for cattle feeding. Tkt, 5c; oz, 10c; 1-4 lb, 20c; lb, 50c, postpaid.

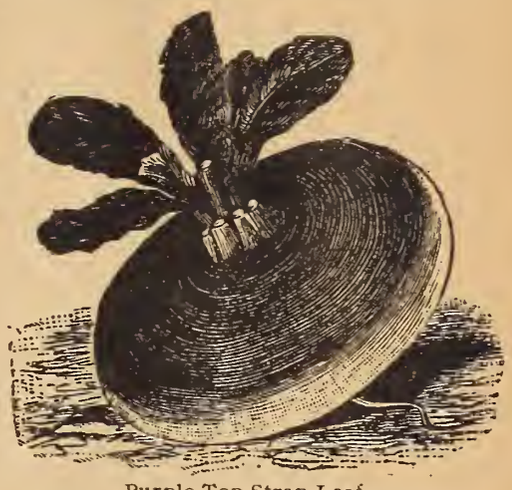
**Purple Top** (Strap-Leaved)—The standard of this part of the country. Superior for early or late planting. Round, flat, good sized, small top with but few leaves. Flesh very fine grained. Flavor good. Pkt, 5c; oz, 10c; 1-4 lb, 15c; lb, 45c, postpaid.

Purple Top White Globe.

**Purple Top White Globe**—A variety of decided merit. Globular shape, very handsome and a very superior quality, either for the table or stock. It ia a heavy producer, early, of rapid growth, and an excellent keeper. Pkt, 5c; oz, 10c; 1-4 lb, 15c, lb, 45c, postpaid.

**Prices named herein are postpaid. If ordering by freight or express, deduct 8 cts per lb.**

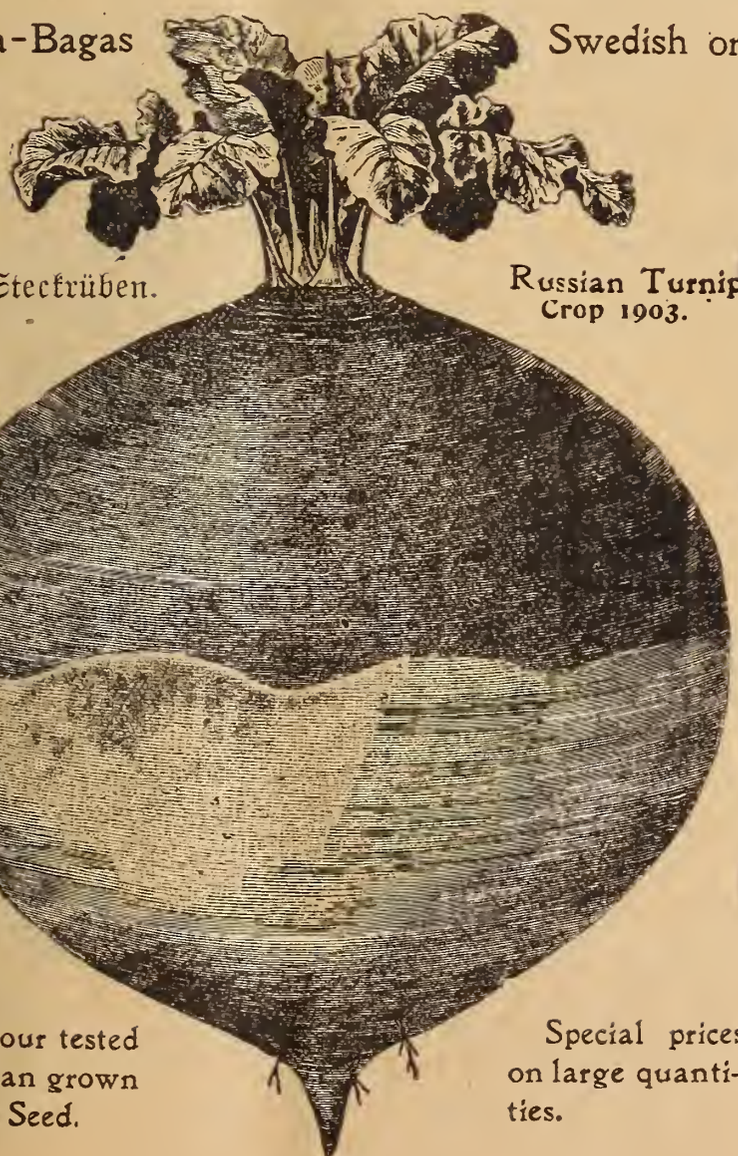
**Superb Mixture of Turnips**—This mixture contains all the leading varieties of both early and late, and by sowing the seed a continuous supply may be had throughout the season. You cannot do better than to plant some of this seed. Pkt, 5c; oz, 10c; 1-4 lb, 15c; lb, 40c, postpaid.



Purple Top Strap Leaf.

**Our Turnip Seed is American Grown, and is much superior to Seed sometimes offered at a cheaper price.**

Ruta-Bagas Swedish or



Süße Steckrüben.

Russian Turnip
Crop 1903.

Try our tested American grown Turnip Seed.

Special prices on large quantities.

One ounce will sow 150 feet of drill; 2 pounds will sow an acre.

CULTURE—Should be sown from the 20th of June to the middle of July, in drills two feet apart, and thinned out at the first working to 10 inches between plants. Flesh close-grained, hard; will endure considerable cold. The roots are best preserved in a pit or cellar during the winter, and are excellent for the table early in spring.

**Laing's Purple Top**—A large, early sort of fine quality. Roots globe-shaped, skin purplish-red above ground and yellow below. Flesh yellow, neck small. Tops peculiar in that ther leaves are strap or entire. An excellent variety in every way.

## FOR STOCK.

**American Purple Top**—For years a great yielder and unsurpassed for stock feed. Tops small, bulbs very large, sweet and of the richest flavor.

**White Russian, or Large White Ruta-Baga**—Grows very large, excellent for table or stock. Flesh firm, white and solid. Has a very rich and sweet flavor. The best keeper of any.

**Skirving's Purple Top**—Attains an immense size. Yellow flesh, fine flavor, solid and a very good keeper. Very nutritious.

**Imperial Hardy Swede**—Grows to a large size with a single tap root and produces a fine bulb, always of good quality, and is one of the best for winter use.

**Prices: Pkt, 5c; oz, 10c; 1-4 lb, 15c; lb, 45c postpaid.**

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In ordering write proper names, postoffice and state very plainly.

# TOBACCO.

**Virginia Pedigree Tobacco Seed, Crop of 1903.**

We make a specialty of select Virginia Tobacco Seed. Tobacco succeeds best on rich sandy loam. Heavy new soil produces a coarse leaf. The most desirabie fertilizers are Wood Ashes, Commercial Potash and Guano. Seed bed should be carefully prepared and must be very loose and light at time of planting. Sow seed as early as possible after danger of frost is over. When six inches high transplant into rows four feet apart each way and cultivate thoroughly.

**Our Tobacco Seed is the highest quality Obtainable.**

**STANDARD SORTS.**

**Connecticut Seed Leaf, Sweet Oronoco, White Burley, Missouri Broad Leaf, Red Burley, Yellow Pryor, Gold Finder, Big Havana.**

Pkt, 5c; oz, 25c; 1-4 lb, 75c, postpaid.

**Bonanza**—A White Burley cross on Yellow Oronoco, and a very superior one, possessing the qualities of both parents beautifully blended, and for the manufacturing types most popular and in the greatest demand. It is superior to either of them, for it is tougher than the Burley and more porous than the Oronoco, and therefore makes superior Wrappers, Cutters and Fillers. It stand the vicissitudes of seasons better than the Burley. Pkt, 5c; oz, 40c, postpaid.

**Climax**—A cross of Burley on Sterling, and a most decided acquisition to the Bright lists, that cannot fail to win higher favor, as it possesses every characteristic of a superlatively fine Bright. The newest, and bids fair to head the list. Recommended with confidence. Pkt, 5c; oz, 40c, postpaid.

**Hyco**—A fine variety and the easiest of all cured yellow. Fine texture, good flavor and sells well. A hybrid Oronoco and Gourd Leaf. A beautiful and desirable variety. Pkt, 5c; oz, 25c; 1-4 lb, 75c, postpaid.

**One Sucker**—A medium Tobacco and fine for shipping purposes Also cures a good color if desired. It is claimed for it that the growth of suckers from it is not near so large as other varieties. Pkt, 5c; oz, 25c, ¼ lb. 85c; postpaid.

**Blue Pryor**—The genuine James River Favorite. Rich shipper, superior to Kentucky Blue Pryor. Pkt, 5c; oz, 40c, postpaid.

**Cuban Seed Leaf**—Imported stock, acclimated, and makes fine Tobacco. Pkt, 10c; oz, 50c, postpaid.

**Conqueror**—A superb, light yellow variety. Vigorous grower, ripens early and cures to brig..test color. Pkt, 10c; oz, 40c, postpaid.

# VEGETABLE PLANTS. (Gemüfe-Pflanzen.)

We have made very complete preparations to produce plants in quantities. Special prices to growers and canners. All sorts of vegetable plants in season, our own growth. We will receive them fresh daily throughout the season, and will ship carefully packed at the following prices for shipment by express at purchaser's expense:

**Early Cabbage Plants**—For delivery in April and May, 30c per 100; $2.00 per 1,000.

**Late Cabbage Plants**—Ready for shipment by July 1st, 25c per 100; $2.00 per 1,000.

**Cauliflower Plants**—March and April, 25c per dozen: $1.75 per 100.

**Celery Plants**—For shipment by July 1st. Your selection as to variety, 40c per 100; $3.00 per 1,000.

**Lettuce Plants**—Ready from January to May, 30c per 100; $2,50 per 1,000.

**Egg Plants**—Ready in May and June. Pot grown, 60c per dozen;

**Pepper Plants**—Ready in May and June. Large Bell, Ruby King and Cayenne, 20c per doz; $1.25 per 100.

**Tomato Plants**—Good stocky plants (twice transplanted). Our specialty, ready in May and June. Will supply you throughout the season with all leading varieties, at 20c per doz; $1.00 per 100; $8.00 per 1,000. Seed-bed plants, $4.00 per 1,000.

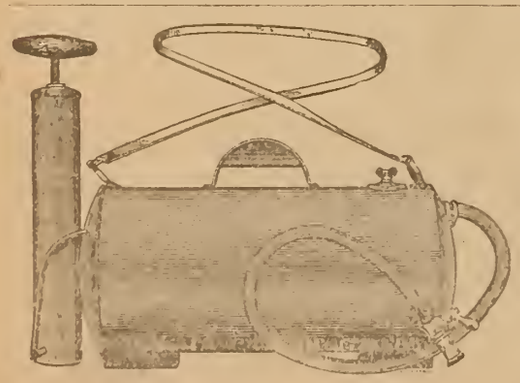
**Sweet Potato Plants**—All leading varieties during the season, 25c per 100; $2.00 per 100,

In order to facilitate the filling of orders, we request that they be sent in early. Give us ample time to select, pack and ship your order promptly. By doing so you will secure better plants, and they will reach you in better condition.

## SEEDS OF SWEET AND MEDICINAL HERBS.

| | Pkt. | Oz. | | Pkt. | Oz. | | Pkt. | Oz. |
|---|---|---|---|---|---|---|---|---|
| Anise | $0 05 | $0 15 | Sage | $0 05 | $0 15 | *Wormwood | $0 05 | $0 15 |
| Sweet Basil | 05 | 15 | Marjoram | 05 | 15 | *Balm | 05 | 25 |
| Coriander | 05 | 10 | Saffron | 05 | 15 | Borage | 05 | 15 |
| Dill | 05 | 10 | *Thyme | 10 | 25 | *Caraway | 05 | 10 |
| *Fennel | 05 | 10 | *Summer Savory | 05 | 15 | *Lavender | 05 | 25 |
| *Rosemary | 05 | 25 | *Tarragon | 05 | 25 | *Rue | 05 | 25 |
| | | | | | | Sorrel | 05 | 25 |

*Perennial. and when once obtained in the garden may be preserved for years. Prices postpaid.



Single Tank

## Utica High Pressure Sprayer.

A wonder. Quickest and easiest working sprayer ever offered to the public. All the latest improvements. Brass check valves and trimmings. It takes but half a minute to charge; holds three gallons, and will carry a continuous spray for ten minutes. Especially adapted for spraying Potatoes, Tobacco, Fruit Trees, Nursery Stock, and to fumigate hen houses and barns. Sprayer carried by shoulder straps. Price, $5.00.

*We have aimed to include in our Collection of Flower Seed only standard varieties. We have procured our Seeds from the best growers in America and Europe. Our list comprises nearly all the varieties that can be successfully grown, and the seeds we offer can be fully relied upon as fresh and pure. They are the best, and nothing but the best, is our motto. All orders will have intelligent and honest attention.*

**Directions for Planting and Culture printed on each package of Flower Seed.**

The term **"ANNUAL"** is given to those plants which grow, flower, seed and die within the same year.

**"BIENNIALS"** are those plants that do not generally flower until the second season, and after blooming die.

**"PERENNIALS"** are those that do not generally flower until the second year, but will bloom for years to come,

**Abutilon**—(Flowering Maple.) Very popular perennial, greenhouse shrub, producing a profusion of bell-shaped drooping flowers, which vary in color in different plants from white or yellow to deep orange and crimson veined with yellow. Well adapted for house culture and for bedding outdoors. Pkt, 25c, postpaid.

**Acroclinium**—(Everlasting.) Very pretty, half hardy annual, producing white and rose colored, daisy-like flowers in August and September. These are the "Immortelles" so desirable for wreaths and winter bouquets. Height one foot. Roseum, light rose, Pkt, 5c; Album, pure white, Pkt, 5c; Mixed, Pkt, 5c, postpaid.

**Ageratum Coruleum**—Flower light blue or lavender, desirable for bouquets, furnishing continuous bloom during the summer, and plants flower well in the house in winter. Pkt, 5c, postpaid.

**Alyssum Sweet** (White Candytuft)—Blooms nearly all summer. Pkt. 5c, postpaid.

**Amaranthus** (Tricolor Splendens)—A hardy annual with leaves of red, yellow and green. Well known as "Joseph's Coat" Pkt, 5c.

**AQUILEGIA, or Columbine**—Columbines produce, in May and June, large quantities of beautiful flowers, in blue, red, white and yellow, which are effective, not only on the place, but are desirable for cut flowers for vases, etc. 1 to 3 feet. Single varieties, mixed, Pkt, 5c.; Double varieties; mixed, Pkt, 5c., postpaid

Asters

## ASTERS.

**Peony - Flowered Perfection** — Very large globular flowers of perfect form with incurved petals, a very magnificent variety. Extra fine mixture, pkt, 5c, postpaid.

**Chrysanthemum Elowered**—Tall, fine mixed colors, pkt, 5c, postpaid.

**Chrysanthemum Flowered** — Dwarf; fine for bedding, mixed, pkt, 5c, postpaid.

**Dwarf Pyramidal Bouquet**—Eight distinct colors, mixed, pkt, 5c, postpaid.

**Mignon Dwarf**—Resembles the Victoria, but a better bloomer, mixed, pkt, 5c, postpaid.

**Princess**—Charming sorts; fine mixed varieties, pkt 10c, postpaid.

**Imbricated Pompon**—Fine class for bouquets and for dyeing, mixed, pkt 5c, postpaid.

**German Quilled**—Very large double flowers composed of quill shaped petals, mixed colors, pkt 5c, postpaid.

**Special Mixture** of tall varieties, made up of the most desirable colors of Victoria Perfection, Crown, Mignon and others, which will make a handsome display for bed, pkt 10c, postpaid.

**Balsam** (Lady Slipper)—Improved Double Camelia Flowered. A family of beautiful annuals; large and showy flowers, fine mixed, pkt 5c, postpaid.

**Balsam,** Improved Double Camelia Flowered—Pure white, pkt 5c, postpaid.

**Balsam,** Rose Flowered—Double mixed, pkt 5c, postpaid.

**Balloon Vine**—Pkt 5c, postpaid.

**Bellis Perennis Fl. Pl.** (Double Daisy)—One of the most charming of our early spring flowers. It is a perennial plant, quite hardy, easy culture, but requires shade. Pkt, 5c, postpaid.

**Calendula Officinalis Meteor**—Handsome, hardy annual. Blooms continuously all the season. Double. Pkt, 5c, postpaid.

**Calliopsis, or Coreopsis**—Hardy annual plant of easy culture. One of the brightest and richest of our annuals. Adapted for cut flowers and bouquets. Tall and dwarf. Pkt, 5c, postpaid.

**Campanula**—Single mixed. Pkt, 5c, postpaid.

**Candytuft, Little Prince**—Finest dwarf variety in cultivation. Snow white flower. Pkt, 5c, postpaid.

**Candytuft, Asnam**—White. Pkt, 5c; postpaid.

**Candytuft**—Mixed varieties. Pkt, 5c, postpaid.

**Canna** (or Indian Shot), Crozy's Early—Large flowering. Fine mixed, Pkt, 10c, postpaid.

**Canna**—Extra choice mixed. Pkt, 10c, postpaid.

**Carnation**—(See Dianthus.)

**Celosia Oristata** (Cockscomb)—Beautiful large Cockscomb. Mixed. Pkt, 5c, postpaid.

**Centaurea Americana** (Star Thistle)—Lilac. Pkt, 5c, postpaid.

**Centaurea Cyanus** (Blue Bottle)—Mixed colors. Pkt, 5c, postpaid.

**Centaurea Cyanus**—Double mixed. Pkt, 5c, postpaid.

**Centaurea Odorata**—Sweet scented. Pkt, 5c, postpaid.

Double Daisy.

**Chrysanthemum Segetum, Helios**—This excellent novelty is a sturdy, branching plant 1½ feet high, bearing with remarkable freedom immense single Marguerite-like flowers, three to four inches across, of perfect form, much substance, and of a rich golden-yellow color. It flowers the first season from seed, is a very showy garden plant, and the flowers are splendid and lasting when cut and vased. Pkt, 25c, postpaid.

**Chrysanthemum Coronarium**—Annual variety. Double white and double yellow. Pkt, 10c, post paid.

**Chrysanthemum Carinatum**—Tricolor, single mixed. Pkt, 5c, postpaid.

**Cineraria Hybrida**—A well known and exceedingly brilliant greenhouse plant. Extra fine mixed. Pkt, 20c, postpaid.

**Cobea Scandens**—One of the finest of our summer climbers, with fine foliage and large bell-shaped flowers. Pkt, 10c, postpaid.

**Coleus** (Mammoth Rainbow)—The most popular and well known foliage plant grown; finely variegated foliage of striking beauty and many colors. Pkt, 10c, postpaid.

**Convolvulus Major** (Morning Glory)—Tall varieties. Mixed. Pkt, 5c; postpaid.

Cosmos, Pink Butterfly.

**Convolvulus Minor** (Morning Glory)—Dwarf varieties. Mixed. Pkt, 5c, postpaid.

**Cosmos**—White. Pkt, 5c, postpaid.

**Cosmos**—Pink Butterfly. Pkt, 5c, postpaid.

**Cosmos**—Mixed varieties. Pkt, 5c, postpaid.

**Cucumis Anguinus Flexuosus** (Ornamental Cucumber)—Rapid growing annual. Pkt, 5c, postpaid.

**Cucumis Perennis** (Ornamental Cucumber)—Very fine. Pkt, 5c, postpaid.

**Cypress Vine**—White, Scarlet and Pink. Each, pkt. 5c, postpaid.

**Cypress Vine**—Mixed. Pkt, 5c, postpaid.

**Chinese Lantern Plant** (Physalis)—An annual bearing bright red pendant fruit, which can be used in bouquet of dried flowers. Pkt. 10c, postpaid.

**Dahlia Variabilis Fl. pl.**—Double mixed. Pkt, 10c, postpaid.

**Dahlia**—Single. Mixed. Pkt, 5c, postpaid.

**Datura Fastuosa Fl. pl.** (Trumpet Flower)—These plants bloom freely from seed the first year. Very showy. Pkt, 10c, postpaid.

**Datura, Golden Queen**—Compact, bushy plants 2½ feet high, brilliant yellow showy flowers, often ten inches long, and often double. Pkt, 10c, postpaid.

## DIANTHUS, OR PINKS.

**Dianthus Cariophillus Fl. pl.** (Carnation)—The most important seed novelty produced in many years, for flower beds in summer, as well as winter booming. Plants dwarf, and flower abundantly, in great variety of colors, striped mottled, variegated; very fragrant. Pkt, 10c, postpaid.

**Dianthus Marguerite**—Extra fine. Mixed. Pkt, 10c, postpaid.

**Dianthus Marguerite**—White. Pkt, 10c, postpaid.

**Dianthus**—Double. Extra fine. Mixed. Pkt, 5c, postpaid.

**Dianthus Heddewiggi** (Double Japan Pink)—Fine mixed. Pkt, 5c, postpaid.

**Dianthus Chinensis** (Double Chinese Pink)—Mixed. Pkt, 5c, postpaid.

**Dianthus Laciniatus**—Double varieties. Mixed. Pkt, 5c, postpaid.

**Dianthus Barbatus Fl. pl.** (Double Sweet William)—Fine mixed. Pkt, 5c, postpaid.

**Dianthus Barbatus** (Single Sweet William)—Fine mixed. Pkt, 5c, postpaid.

**Digitalis Gloxiniaflora** (Foxglove)—Perennial. Very showy, mixed, pkt 5c, postpaid.

**Dolichos Lablab**—(Hyacinth Bean)—A rapid growing climber of easy cultivation, bearing a profusion of pea-shaped purple blossoms. The seed pods are of a beautiful deep purple shade in fall. Mixed, pkt, 5c, postpaid.

**Eschscholtzia** (California Poppies)—A most beautiful and showy garden flower, easily grown, extra varieties, mixed, pkt 5c, postpaid.

**Plant our Outdoor Grown Roses in February or March and you will have a magnificent supply of Roses all through the season.**

Marguerite Carnations.

Forget-Me-Not

**Forget-Me-Not** (Myosotis Alpestris) mixed, pkt 5c, postpaid.

**Four O'Clocks** (Mirabilis)—Marvel of Peru. Extra fine mixed, pkt 5c, postpaid.

**French Honeysuckle** (Hedysarum Coronarium)—Mixed varieties, pkt 5c, postpaid.

**Feverfew** (Matricaria Capenses)—Handsome double white flowers, pkt 5c, postpaid.

**Foxglove**—(See Digitalis.)

**Globe Amaranthus** (Gomphrena Globosa)—Bachelor Button. Mixed pkt, 5c, postpaid.

**Godetia, or Satin Flower**—One of the most beautiful of our hardy annuals and the easiest of all in cultivation. They are dwarf in habit and are fairly covered with flowers of brilliant and delicate colors. Fine mixed. Pkt, 5c, postpaid.

**Golden Feather** (Pyrethrum)—These beautiful flowers are among the finest that grow. They are equal to Chrysanthemums and Asters. Double. Extra fine mixed. Pkt, 5c, postpaid.

**Gourds**—Ornamental handsome climbers of rapid growth. Mixed varieties. Pkt, 5c, postpaid.

**Gourds**—Dish Rag. Pkt, 10c, postpaid.

**Geraniums**—Fxtra fine mixture. Pkt, 10c, postpaid.

**Helianthus, or Sunflower**—A miniature Sunflower of a bright yellow color with dark center; fine foliage. Plants dwarf and bushy. Pkt, 5c, postpaid.

**Helichrysum Monstrosum Fl. pl.**—Very showy annual; an attractive everlasting flower, scarcely excelled as a garden ornament or a winter decoration. Double mixed varieties. Pkt, 5c, postpaid.

**Heliotrope**—Great favorite with flower lovers for beauty and fragrance; suited for beds or border, where they will bloom in summer and may be potted and cut back for winter blooming. Fine mixed. Pkt, 10c, postpaid.

**Hollyhock**—No garden flower is more showy or admired. Double mixed. Pkt, 5c, postpaid.

**Ipmoaea Grandiflora Alba** (Moonflower)—A grand climber when planted in rich soil and well watered, attains a height of fifty to seventy feet, produces immense quantities of fragrant white flowers, measuring from five to seven inches across. Pkt, 10c, postpaid.

**Ipomaea Bona Nox**—Good Night, or Evening Glory. Large white flower. Pkt, 5c, postpaid.

**Japanese Morning Glory**—Most magnificent large flower of exquisite new colors, which are rich and velvety. Mixed. Pkt, 5c, postpaid.

**Lantana Hybrida**—Very desirable plants for house culture, the varieties of which are almost numberless. Very pretty. Mixed. Pkt, 10c, postpaid.

**Larkspur, Dwarf German Rocket**—An old and well known annual. The flowers are borne in compact spikes, and are hardy, showy and desirable. Mixed colors. Pkt, 5c, postpaid.

**Larkspur**—Dwarf, double mixed, pkt 5c, postpaid.

**Lemon Verbena**—Everybody knows the Lemon Verbena, and everybody should have a few specimens of it, for its fragrant foliage is fine to use in bouquets and floral work. Pkt, 10c, postpaid.

# NASTURTIUMS.

## For Spring Planting.

**Nasturtiums, Tall**—Beautiful and luxuriant climbers for trellises and arbors, bearing their sweet scented flowers in great profusion. Extra fine mixed. Pkt, 5c; oz, 15c. postpaid.

**Madam Guenther's Hybrid**—A strain of extra large flowered, elegantly blotched and marked sorts, many different colors and shades appearing among them, all of striking and peculiar beauty and rich foliage, Mixed colors. Pkt, 5c; oz, 2cc, postpaid.

**Coccineum**—Bright orange scarlet. Pkt, 5c; oz, 15c, postpaid.

**Pearl**—Cream white. Pkt, 5c; oz. 15c, postpaid.

**Schulzi Darkest-Leaved** –Pkt, 5c; oz, 15c, postpaid.

**Tall Crimson** –Yellow-leaved Pkt, 5c; oz, 15c.

**Canary Bird Flower**—A beautiful climbing plant; the flowers resemble a canary bird with wings expanded. Pkt, 10c, postpaid.

**Nasturtiums, Dwarf**—One of the choicest and most popular annuals; forming compact plants; exquisite flowers of all colors. Fine mixed. Pkt, 5c; oz, 15c, postpaid.

**King of the Tom Thumb**—A striking and very sweet Dwarf Nasturtium; crimson color. Pkt, 5c; oz. 20c, postpaid.

**Lobelia Erinus Gracilis**—A dwarf plant with delicate, graceful foliage and pretty, fine flowers Of value chiefly for hanging baskets and borders. Mixed varieties. Pkt, 5c, postpaid.

**Lobelia**, Emperor William—Light blue, fine for hanging basket. Pkt, 5c, postpaid.

**Marigold**—(See Tagetes.)

**Maurandia Barclayana**—This beautiful summer climber cannot be too highly recommended. Blooms the first season from seed. Fine mixed varieties. Pkt, 10c, postpaid.

**Mignonette** (Reseda Odorata)—Sweet scented. The delicious fragrance of the Mignonette makes it indispensable for bouquets and cutting. Will commence blooming in June from the seed. Pkt, 5c, postpaid.

**Mina Lobata**—A charming Mexican climber; scarlet and yellow flowers; rapid grower. Pkt, 5c, postpaid.

**Nemophila**, Baby Eyes, or Grove Love—A hardy annual of dwarf habit, producing cheerful blue, violet and white flowers; suitable for edges of borders. Mixed. Pkt, 5c, postpaid.

**Nicotiana Affinis**—Bears a profusion of pure white, long tubed and star shaped flowers; sweet scented, especially so after sundown. The plants can be potted and taken indoors, where they will bloom all winter. Pkt, 5c, postpaid.

**Nicotiana Sylvestris**—An improvemeht on the above, and one of the most ornamental fragrant plants grown. Pkt, 10c, postpaid.

**Nigella Damascena**, Love in a Mist, or Devil in a Bush—Compact growing, free flowering plant, with curious looking flowers and seed pods. Pkt, 5c, postpaid.

**Pasiflora Coerulea Grandiflora** (Passion Flower)—Large violet flowers; half hardy perennial; fine climbing plant. Pkt, 10c, postpaid.

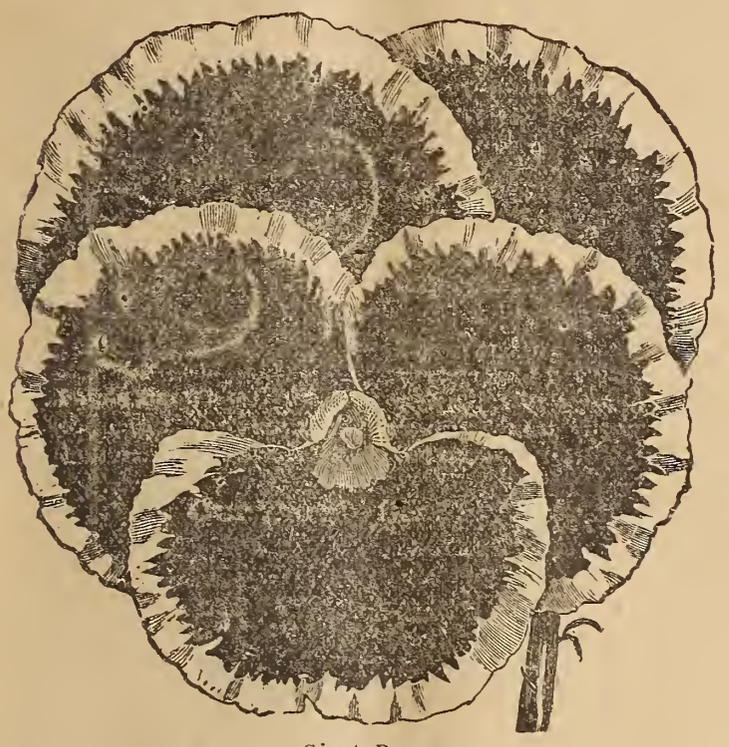
**Petunia Hybrida**—A highly ornamental and profuse flowering, easily cultivated, garden favorite; the brilliancy and variety of its colors, and duration of its blooming period, renders it invaluable for planting out in beds or mixed borders. Pkt, 25c, postpaid.

**Petunia,** Large Flowering—Finest mixed varieties. Pkt, 10c, postpaid.

**Petunia,** Double Fringed—Choice varieties, mixed. Pkt, 25c, postpaid,

**Portulacca Grandiflora** (Rose Moss)—This old favorite is brightest in hot, dry weather, when other flowers are drooping; they are of almost every shade and color, and will make one of the brightest spots in the garden. Large flowered. Mixed; Pkt, 5c, postpaid.

**Portulacca Grandiflora Fl. pl.**—Very handsome, double as a rose, and contains a color and shading unknown in the single. Double mixed varieties. Pkt, 10c, postpaid.



Giant Pansy.

# PANSY SEED.

(New Crop.)

## PANSIES.

**Viola Tricolor**—Also known by the name of Johnny Jump-Up. Is a half hardy perennial, a favorite with all. A most beautiful combination of colors, and also separate and distinctly marked. Pkt, 5c, postpaid.

**Common Mixed Varieties**—Pkt, 5c, postpaid.

**Giant Fine Mixed**—Pkt, 10c, postpaid.

**Giant Trimardeau and Odier**—Fancy mixed. Pkt, 10c, postpaid.

**French and German Varieties**—Mixed. Pkt. 5c, postpaid.

**Benary's Non Plus Ultra**—Extra fancy mixed. Pkt, 25c, postpaid.

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Write for prices on Roses, Bulbs and Plants for Spring and summer flowering.

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We seek your patronage and know that we can please you. Try us.

## PANSIES—SEPARATE COLORS.

**Giant Striped** ..... Pkt, 5c
**Giant Gold Margined** ..... Pkt, 5c
**Havana Brown** ..... Pkt, 5c
**Giant Coppery Scarlet** ..... Pkt, 5c
**Silver Edge** ..... Pkt, 5c
**Giant Yellow** ..... Pkt, 5c
**Giant White** ..... Pkt, 5c
**Giant Black** ..... Pkt, 5c
**Victoria**—Pure white ..... Pkt, 10c
**Beaconfield**—Rich purple ..... Pkt, 10c
**Emperor William**—Blue and purple, violet eye ... Pkt, 10c.

Seven Separate Colors of 5c papers for 25c, postpaid. **SELECT ANY THREE 10c PACKETS FOR 25c.**

**Papaver Poppies,** Peony Flowered—Flowers in size and colors equal to Peonies. Double mixed varieties. Pkt, 5c, postpaid.

**Papaver Poppies,** Peacock—Scarlet, single, with black cross. Pkt, 5c, postpaid.

**Papaver Poppies,** Shirley, Silk or Ghost—Beautiful Poppies, producing large single flower, ranging in color from pure white, various shades of pink, to glowing scarlet. Mixed colors. Pkt, 5c, postpaid.

**Papaver Poppies,** Carnation Flowered—Double. Fine mixed varieties. Pkt, 5c, postpaid.

**Phlox Drummondii**—No garden should be without a bed of these, the most showy of all growing annuals. Its varieties of colors and shades cannot be excelled for brilliant and constant stant display. Finest mixture of all sorts. Pkt, 5c, postpaid.

**Phlox Grandiflora**—Large flowering. Mixed. Pkt, 10c, postpaid.

**Phlox Drummondii,** Star of Quedlinberg (Cupidata) Star Phlox. Extra choice. Mixed. Pkt, 5c, postpaid.

**Phlox Drummondii**—Finest striped varieties. Mixed. Pkt, 5c, postpaid.

Poppies.

**Primula Chinensis** (Chinese Primrose)—Beautiful low growing spring flowering plant for borders or pot culture. Flowers are borne in clusters on stalks four to eight inches high. Splendid mixed varieties. Pkt, 20c, postpaid.

**Ricinus Africanus** (Castor Oil Plant)—Very showy rich varieties. Pkt, 5c, postpaid.

**Salpiglossis**—The flowers, which are many colored, are beautifully and delicately penciled. Where known they are great favorites, as the flowers are very rich and chaste. Large flowering, extra fine mixed. Pkt, 5c, postpaid.

Salvia Splendens.

**Salvia,** Flowering Sage—Handsome plants, excellent for beds or borders, with long spikes of flowers, which continue in bloom until late in the fall. Pkt, 5c, postpaid.

**Salvia Splendens,** Scarlet Sage—Pkt, 5c, postpaid.

**Salvia Coccinea**—Fiery scarlet. Pkt, 5c, postpaid.

**Scabiosa Grandiflora** (Morning Bride), also Pincushion Flower—A well known annual, easy culture, blooms all the season, fine for bouquets. Double. Mixed colors. Pkt, 5c, postpaid.

**Sedum Coeruleum** (Stonecrop)—A very useful family of succulent plants, which withstand a degree of drought that most plants would succumb to. They are therefore useful in dry conditions, such as sunny banks and other places where few plants will grow. Blue flowered fine for rock work. Pkt, 5c, postpaid.

**Sedum Coeruleum**—Many species mixed. Pkt, 5c, postpaid.

**Stocks,** German Ten Weeks (or Gillyflower)—This is a half hardy annual, beautiful and fragrant. Choice varieties. Mixed. Pkt, 5c, postpaid.

# SWEET PEAS.

**Sweet Peas** (Lathyrus Odoratus)—May well be called America's favorite, as it is such a popular and easily grown flower that rich and poor alike can enjoy its fragrance and beauty. Our seed was grown by the most prominent Sweet Pea specialist in America and cannot fail to please everyone.

**Extra Fine Mixture**—Of many different colors. Pkt, 5c; oz, 10c; ¼ lb, 20c; lb, 50c, postpaid.

## NAMED VARIETIES AND SEPARATE COLORS.

**Adonis**—Rose and carmine
**Alba Magnificia**—Pure, delicate white.
**Apple Blossom**—Bright rose and pink.
**Alice Eckford**—Rich, creamy white, purplish wings.
**America**—White ground, striped with bright red.
**Blanch Burpee**—Large, pure white.
**Blushing Beauty**—A distinct, soft pink.
**Boreatton**—Very dark maroon.
**Countess of Radnor**—Pure light lavender.
**Celestial**—Delicate lavender blue, wings silvery lavender.
**Countess of Aberdeen**—Soft pink.
**Dorothy Tennant**—Deep rosy mauve.
**Emily Eckford**—Rose heliotrope, wings bluisn.
**Emily Henderson**—Large snow white.
**Emily Lynch**—Pink and white.
**Firefly**—Rich crimson scarlet.
**Gaiety**—Bright crimson striped.
**Golden Gleam**—Bright yellow.
**Her Majesty**—Clear, rosy carmine.
**Ignea**—Rich scarlet crimson.
**Indigo King**—Lovely dark maroon.
**Juanita**—White, lavender striped.
**Lottie Eckford**—White, edged with blue.
**Katherine Tracy**—Exquisite bright pink.
**Orange Prince**—Orange salmon, wings pink.
**Mrs. Gladstone**—Bright soft pink.
**Monarch**—Maroon purple, wings plum purple.
**Mars**—Bright fiery crimson.
**The Bride**—White.
**Venus**—Soft, rosy buff, shades pink.

## LARGE PACKET, ANY VARIETY, ONLY 5 CENTS.

## COLLECTION OF SWEET PEAS.

**Selection of any Six 5c Packets for - 25c Selection of any Twelve 5c Packets for 40c**

# TAGETES (Marigold).

Extremely showy, one to two feet high, well adapted to garden culture, blooming profusely through the season.

**Tagetes Erecta, Fl. pl.**—Double Tall African Marigold. Mixed. Pkt, 5c, postpaid.

# VERBENAS.

**Verbena Hybrida**—The Verbena is deservedly a universal favorite, unrivalled in the splendor of its dazzling brilliancy of flower. A constant bloomer, and if grown from seed has a sweet fragrance. Extra choice mixed. Pkt, 10c, postpaid.

**Verbena,** Mammoth White—This is by far the best and largest of all white Verbenas. Pkt, 5c, postpaid.

**Zinnia Elegans. Fl. Pl.**—Dwarf. Double mixed. Pkt, 5c, postpaid.

**Zinnia Elegans**—Tall. Double mixed. Pkt, 5c, postpaid.

## MIXED FLOWER SEEDS FOR GARDENS.

A splendid mixture of over one hundred sorts of beautiful, free-blooming, hardy flowers, which can be offered at a much less price than when sold in separate packages. Those who cannot give the constant care necessary for finely arranged flower beds will fine the "Wild Garden" a delightful substitute, with its constand and ever-varying bloom. Such a flower-bed is a constant surprise and pleasure, as new varieties and the old garden favorites flower successively throughout the season. Price, per ½ oz, 20c; per package 5c, postpaid.

# FLOWERING BULBS.

## FOR SPRING PLANTING.

### AMARYLLIS.

Suitable for greenhouse, room, or outdoor culture. After flowering, let the bulbs rest in their pots for several weeks, meanwhile giving no water.

**Amaryllis Formossissima**—Can be grown in water same as Chinese Narcissus. Blooms early. Deep crimson. Each, 15c, postpaid.

**Amaryllis Johnsonii**—Large trumpet-shaped scarlet flower, with broad, white stripe. Each, 40c, postpaid.

**Amaryllis Belladonna Major**—Elegant silvery white flowers tipped with rose, of great fragrance and beauty. Large bulbs, 20c each, postpaid.

**Caladium Esculentum**, Elephant's Ear—One of the most effective plants in cultivation for planting out upon the lawn. It can be made to produce three to ten handsome leaves, often three feet long and twenty inches wide. You cannot make the soil too rich, or keep it too wet.

First size bulbs, nine inches and over in circumference, 25c each; $2.50 per dozen, postpaid.

Second size bulbs, seven to nine inches in circumference, 20c each; $2.00 per dozen, postpaid.

Third size bulbs under seven inches in circumference, 15c each; $1.50 per dozen, postpaid.

**Caladium, Fancy Leaved**—Will do well planted out of doors after the earth is warm, if in a partly shaded place. Very decorative. Each, 20c; per dozen, $2.00, postpaid.

**Calla**, California Giant White—Very popular and easily grown. Large bulbs, 20c each, postpaid.

**Calla**, Black—The wonderful Black Lily of Palestine. Large flowers. Color a clear jet black. A striking oddity. Large bulbs, 15c each postpaid.

Amaryllis (Jacobean Lily.)

**Crinum Kirkii**—This magnificent variety produces flowers of the greatest beauty; usually two flower stalks of dark, purplish color are sent up at the same time, each bearing a large umbel composed of a dozen or more enormous life-like flowers of wondrous beauty and fragrance. The petals are broad and pure white, with a deep reddish purple stripe through the center. Extra large bulbs, 50c each, postpaid.

## CANNAS.

The Canna has long been considered an almost indispensable plant for flower garden or lawn embellishment. So popular have they become, and so thoroughly are they adapted for bedding purposes, that every summer thousands of them are planted in parks, cemeteries and private places in the country. They are very easy to grow, will bloom all summer, and if potted before frost will grow and bloom during the winter. Plant out of doors after danger of frost is past.

**Alphonse Bouvier**—Deep, rich velvety crimson. Height six feet. Each, 15c; three for 40c, postpaid.

**Burbank**—A new orchid-flowering sort. Rich canary yellow, fully seven inches across. Four feet high. Each, 15c; three for 40c, postpaid

**Charles Henderson**—Deep crimson, yellow flame at the throat. Four feet. Each, 15c; three for 40c, postpaid.

**Chicago**—Grand vermillion-scarlet; foliage bright green. Four and one-half feet. Each, 15c; three for 40c, postpaid.

**Egandale**—Bronze-leaved variety; cherry-red flowers. Four feet. Each, 15c; three for 40c, postpaid.

**Florence Vaughan**—Deep yellow, mottled rich crimson. Five feet. Each, 15c; three for 40c, postpaid.

**Italia**—Orchid-Flowered. Five feet. Brilliant red with clear yellow band. Each, 15c; three for 40c, Postpaid.

**Leonard Vaughan**—Five feet. Rich bronze foliage. Bright scarlet flower. Free bloomer. Each, 20c; three for 50c, postpaid.

**Martha Washington**—Three feet. Green foliage. Large pink flowers. Flowers freely. Each, 20c; three for 50c, postpaid.

**Madam Crozy**—Three and one-half feet. Large vermillion flowers with yellow borders. A great bloomer. Each, 10c; three for 25c, postpaid.

**Queen Charlotte**—Dwarf compact sort. Red with yellow margin. Two and one-half feet. Each, 20c: three for 50c, postpaid.

**Paul Marquant**—Deep salmon. Four feet. Each, 10c; three for 25c, postpaid.

**Scarlet Flowering Sorts**—Many splendid colors. Each, 10c; $1.00 per dozen, postpaid.

**Yellow Flowering Sorts**—Variegated, banded, etc. Each, 10c, $1.00 per dozen, postpaid.

**Many Shades** and colors in mixture. Three for 20c; 75c per dozen, postpaid.

# DAHLIAS.

Set them out the last of May in deep, rich soil and cover almost three inches. Will bloom in August. Dahlias are becoming great favorites everywhere and we cannot recommend them too highly. We know of nothing more showy for table decoration than a well arranged bouquet of long stemmed Cactus and other Dahlias.

**Double Mixed**—Large bulbs, each, 25c, postpaid.
**Single Mixed**—Large bulbs, each, 25c, postpaid.
**Yellow Queen**—Soft, pale yellow marked with white, each, 25c, postpaid.
**Gloriosa**—Rich, scarlet, each, 25c, postpaid.
**Florence Wood**—Clear violet purple, each 25c, postpaid.
**Earl of Pembroke**—Rich, dark purple, each, 25c, postpaid.
**American Beauty**—Yellow ground, tipped with crimson, each, 25c, postpaid.
**Copper King**—Light coppery red, each, 25c, postpaid.
**Wm. Agnew**—The grandest red Cactus Dahlia, large and fine, each, 25c, postpaid.

# GLADIOLUS.

Inexpensive, grows and blooms rapidly in any soil or climate, and makes a display which for brilliancy and beauty of coloring is unsurpassed. Nothing else in the floral kingdom so easy of culture and sure to succeed. May be planted at any time from April to July, and in any fairly good soil. Set in rows three inches apart or in beds six inches each way. They bloom from July to October. Should be taken up after frost and packed away in the cellar or any cool, dry, place. Colors are white, yellow, pink, scarlet, carmine, violet, striped, blotched, etc.

Mixed colors, per dozen, 25c, postpaid. Separate colors, per dozen, 30c, postpaid.
Bulbs for Spring and Summer flowering will be sent by mail, carefully packed.

**Hyacinthus Candicans**—A species of Hyacinth; blooms during August and September. Grows from three to five feet high, with spikes of pure white flowers, bell-shaped and pendulous. The bulb is large and throws up strong flower stems; very hardy and grows stronger each year. For the cemetery nothing can be more beautiful or appropriate. Will thrive in any situation. Two for 15c, postpaid.

# LILY OF THE VALLEY.

**Pips**—Each, 5c; per dozen, 50c; clumps, 50c each; $4.50 per dozen.

# HARDY LILIES.

Plant in a well drained good garden soil, covering the bulbs to a depth of six inches. At the time of planting cover all sides of the bulb with good, clean sand, after which fill up with ordinary soil.

**Lilium Auratum**—Golden-Banded Lily of Japan, or justly entitled to the name of Queen of the Lilies. It is decidedly the most beautiful of all Lilies. Immense flowers, deliciously fragrant; the large white petals are thickly spotted with chocolate crimson, and have golden yellow band through the center. Extra fine bulbs, 25c each, postpaid.

**Speciosum Rubrum**—Crimson banded, white and red spotted. Fine bulbs, 25c each, postpaid.

**Brownii**—One of the most handsome Lilies. Large, trumpet-shaped flowers, usually ten to twelve inches in length; chocolate purple outside, pure white inside; stamens a rich chocolate brown. Each, 40c, postpaid.

**Candidum**—Pure White Garden, or Easter Lily. Flowers pure white, hardy and free blooming. Each, 15c, postpaid.

**Longiflorum**—Bears clusters of snow white trumpet shaped flowers of rare fragrance. Large bulbs. Each 15c, postpaid.

Auratum.

**Tigrinium** (Improved Tiger Lily)—Orange salmon, spotted black; very hardy. Large bulbs. Each, 15c, postpaid.

## TUBEROSES.

The beauty and value of this flower can be but faintly shown either by words or illustrations. Each bulb throws up two or more spikes ten or twelve inches high, each bearing pure waxy white blooms, perfectly double and deliciously fragrant. Its delights is a rich, strong, well-drained soil; manure, heat and water are very essential to its perfect development. For open ground culture, plant about the middle of May.

**Excelsior Pearl**—A rich, waxy white, very double, delightfully fragrant. Flowers very large, often twice the size of the ordinary sort, and imbricated like a Camelia. The finest for pots as well as for the garden. Large selected bulbs. Per dozen, 30c, postpaid.

**Tall Double**—The old and popular variety; splendid for the open ground. Fine open flowers, free blooming. Per dozen, 30c, postpaid.

**Peonies**—Assorted colors. Each, 25c, postpaid.

# HARDY CLIMBERS.

## CLEMATIS, Queen of the Climbers.

For small trellises, or piazza pillars, nothing can compare with the Clematis vine. It is a very rapid grower, often reaching the height of fifteen feet during the season. Used often to cover rock-work, stumps, etc. Foliage neat, habit graceful; perfectly hardy. Flowers are beautiful and lasting. Plant at any time from April to June, and deep enough so that the crown of the roots will be three or four inches below the surface. We have three to five-year-old roots only.

### LARGE FLOWERING SORTS

**Jackmanii**—Flowers a rich, royal purple, the best known. 50c each, postpaid.

**Madam Baron Viellard**—Light rose with lilac shadings, very distinct. Each, 60c, postpaid.

**Miss Bateman**—Pure white with chocolate anthers; commences to bloom very early. Each, 60c, postpaid.

**Gypsy Queen**—A rich, dark, velvety purple, rank grower and a free bloomer. Very attractive variety. Each, 60c, postpaid.

**Henryi**—Flowers eight-sepaled, pure white and very large. Each, 60c, postpaid.

### FRAGRANT AND SMALL-FLOWERED SORTS

**Crispa**—A fine deep blue with a white border, deliciously fragrant. Each, 30c, postpaid.

**Flammula**—Pure white, blooms in clusters, fragrant. Each, 30c, postpaid.

**PANICULATA**—A vine of very rapid growth, quickly covering trellises and arbors with handsome, glossy, green foliage. Flowers are medium size, p re white, and of most delicate and penetrating fragrance. Very hardy. One of the choicest varieties. 30c, postpaid.

**MADEIRA VINE**—The old favoriie Climbing Mignonette; tuberous rooted; rapid grower, thick glossy leaves and hanging stems covered with flowers; white and very fragrant. Does best in a warm, sunny, sheltered location. Large roots, 2 for 15c, postpaid.

**CINNAMON VINE**—Beautiful summer climber; glossy foliage and fragrant flowers. The stem dies down in winter, but the root is hardy. Each, 10c; three for 25c, postpaid.

# Food For Flowers.

## Springfield Seed Company's Extra Preparation.

A composition of high merit, manufactured by us, which we highly recommend as one of the best articles ever introduced. Itt is a most useful fertilizer for plants, and especially adapted for flowers. It produces a rapid and vigorous growth and helps to produce an abundance of flowers, and is also a great insect destroyer. Put up in original fancy packages; each package contains full directions. Package, 25c.

**Manufactured by the Springfield Seed Company.**

### LANG'S HAND WEEDER.

This we find to be by actual trial a first-class labor-saver; it will save its cost in a day. The special advantages of this over all other weeders of this class is that it has a band which passes over the fingers, which, when the tool is not in use, gives full nse to the hand for pulling weeds and thinning out plants without laying down the tool. It is neatly and strongly made. **Price, by express, 25c; by mail, postpaid, 30c.**

### HASELTINE HAND WEEDER.

This useful little garden tool grows in popularity each season. Made of the best material obtainable, and will stand grinding as long as any part of the blade remains. Almost indispensable in handling small crops of Onions, Beets and all plants which are thickly sown.

**By Mail, Postpaid, 30c; Not Postpaid, 25c.**

### HASELTINE'S UNIVERSAL DUST SPRAYER.

It is light, only weighing eight pounds; simple, has no machinery to get out of order or break; durable, if properly cared for will last for years, and it is the easiest operated of any Dust Sprayer made; it is operated under the arm, like a Scotch bagpipe, and is the cheapest Sprayer on the market for the amount of work it will do. The Universal Sprayer will use any composition for insects or fungus, or will apply a mixture of both at one time. The Universal Sprayer can be used as an all-purpose Sprayer, for orchards, vineyards, gardens, flowers, cotton, tobacco, peas, potatoes, poultry, etc.

**Prices: Unive.sal Sprayer, $10; Gardener's Dust Sprayer, $5, Postpaid.**

# HIGH GRADE GRASS SEEDS FOR THE FARM AND FIELD.

H. R. Boardman's Field of English Blue Grass Yielded 3½ Tons of Hay per Acre the First Season.

English Blue Grass.

## ENGLISH BLUE GRASS.

For Missouri and Arkansas we find that this is one of the most valuable grasses in cultivation. As a hay crop it can hardly be improved upon. We can also frankly assure our friends that they will make no mistake in seeding at least a few acres in pasture. It will produce more grass, early and late, and give a more abundant yield of hay in this section than any high grade grass in cultivation. Engligh Blue Grass to Missouri and Arkansas is what Alfalfa is to Kansas—a mortgage lifter. In permanent meadows or for mowing, English Blue Grass is second to none. It does not reach its full development till the second or third year, when it far exceeds most other sorts in the quantity of its product and nutritive matter. After being mowed it grows again very quickly. The forage either green or dried is very nourishing and much relished by cattle, especially when it has been cut young. Height about two feet (20 lbs. to bu.), 30 lbs. to acre. Price on application.

**ITALIAN RYE GRASS**—It is a wonderfully rapid grower and returns heavy hay crops; very valuable for a quick and abundant pasture. It is particularly adapted for permanent pasture or meadows; stands extremes of temperature and remains green throughout the winter. It is very valuable for sowing with Crimson Clover, as a catch crop or Red Clover fields where clover has been winter killed. Our stock is positively pure and carefully recleaned. Height from 1½ to 2½ feet. 20 lbs. to the bushel, 40 lbs. to the acre. Prices on application.

Orchard Grass.

**ORCHARD GRASS**—The most widely known of all our grasses, and is undoubtedly the king of them all. It is of exceptional value for permanent pasture and hay crops. It is very early, coming in ahead of all other grasses. Recovers quickly after being cut, and endures close cropping by cattle. Throughout the great Southwest the stockman, the dairyman and the farmer have recognized its value. Stands the drouth well, also severe cold weather. Blades somewhat finer than English Blue Grass. Five years ago Orchard Grass was but little known. At present hardly a farmer can be found that does not have at least a few acres on his farm. Sow two bushels to the acre. 14 lbs. to the bushel. High grade recleaned seed. New crop. Price on application.

**KENTUCKY BLUE GRASS**—One of the most widely known native grasses. Exceedingly popular in all sections of the country as a pasture grass. It combines more points of excellence as a pasture grass than any other sort. It is a true perennial. Lasting indefinitely, improving every year. It is very productive and unusually early. It succeeds in almost any soil—dry, rocky, sandy or gravelly—and withstands long continued dry weather and hot sun and improved from year to year, soon becoming so well estabtished that it can be relied upon even during the most extreme drouths. We supply a very superior article of the high grade, triple cleaned, pure Kentucky stock, and can assure our farmer friends that they will be highly pleased with the results secured. Height 9 to 18 inches. 14 lbs. to the bushel. Two bushels to the acre. Price on application.

**Owing to frequent market changes in prices of Field Seeds, Seed Potatoes, etc., and the usual close prices at which they are sold, we are unable to make definite figures in this Catalogue good for the season. If our friends will write us, sending a list of their probable requirements we shall be glad to quote our lowest prices by mail.**

**In Shipping Field Seeds, where seamless bags are used, we make an extra charge of 18c each**

**BERMUDA GRASS**—A most valuable grass for our Southern States; both for pasture and lawns. It is of dwarf habit, with long creeping stems, rooting at the joints and covering the ground with a matting of fine turf, which no amount of tramping will impair. It is also useful for binding drifting sand and for steep embankments subject to wash. It thrives in the poorest and sandiest soil, and resists extreme drouth and the most intense tropical heat, but will not withstand any great extremes of frost. It should be sown at the rate of 15 lbs. to the acre. Price on application.

**RED TOP** (Fancy re-cleaned seed)—A well known and very valuable pasture grass. It makes excellent hay. Grows on almost all soils, but does best on moist lands. It is perhaps the most perennial grass we have, and enters largely into the composition of our best natural pastures, remaining green for the largest part of the year. We can offer this stock, cleaned from chaff, which is absolutely pure. 14 lbs. to the bushel. Sow 14 lbs. to the acre. Price on application. Write for samples.

**PRIME RED TOP**—This grade is not cleaned from chaff. For description see Fancy. Price on application.

**BROMUS INERMIS**—It originated in Russia, and is recommended on account of the manner in which it has stood on the Hungary plains, where the dry, sterile nature of the country and the long continued drouths make so many plants succumb. This Bromus, however, stands well, and has been known for thirty years to stand when such robust crops as Alfalfa have been destroyed. It gives a luxuriant crop, particularly on fresh sandy loam soil, and where the climate is warm. It is found that animals eat it greedily, whether in the green or the dry state, so that it can be mown or saved for winter use. The seed is sown in the early spring. It is also useful in filling up gaps where Alfalfa or Clover crops have failed. It will stand under favorable conditions for twelve years, and give as much food in one month as Alfalfa gives in three months. This grass is better sown alone: at least it should not be sown with grain crops. The grain takes too much moisture from the young plants. It has proven satisfactory wherever it has been tried. The United States Agricultural department, also some of our best grass specialists, have recommended it very highly. It grows from 18 to 36 inches in height, and can be cut two or three times per year. It is very desirable as pasture grass. 15 to 18 lbs. to the acre. Price on application.

**JOHNSON GRASS**—A grass very desirable for rough, rocky land and valuable for winter grazing. In fact, there is but one drawback to Johnson Grass, and that is keeping it under control, as it spreads very rapidly. The most successful plan yet tried is to sow this grass on a piece of ground under fence, where it can be pastured heavily. This keeps the blades short and tender. The growth is so rapid that it furnishes an abundance of feed. In fact, several times more than any pasture grass in use It is so very hardy that seed will catch and thrive on any kind of soil. It makes an abundant hay crop and can be cut three or four times a season, and in this way produces an enormous amount of excellent hay. It is now being very extensively grown in Southern Missouri and Arkansas. 25 lbs. to the bushel. Sow 20 lbs. to the acre. Price on application.

| | | | |
|---|---|---|---|
| **Creeping Bent Grass** | per | pound, | **35c** |
| **Crested Dog Tail** | " | " | **35c** |
| **Rhode Island Bent Grass** | " | " | **35c** |
| **Sheep Fescue** | " | " | **30c** |
| **Hard Fescue** | " | " | **30c** |
| **Tall Meadow Oat Grass** | " | " | **25c** |
| **Wood Meadow Oat Grass** | " | " | **60c** |
| **Annual Sweet Vernal** | " | " | **40c** |
| **Sweet Vernal, True Perennial** | " | " | **90c** |

**We have very extensive cleaning machinery. In fact, the finest and most up-to-date equipment known te the seed trade. We are, therefore, able to put on the market a very superior quality of Grasses, Clover and other Field Seeds. We are also enabled with our modern machinery to re-clean our seed stocks at a minimum cost. The little difference in good and inferior grades is so slight, in most cases ouly a few cents per acre, that it would not justify the most economical in using inferior seeds. A farmer in most cases has all the weed seed on his farm he needs without sowing more. The quantity of inferior seed sown in low grades could not be removed for several dollars per acre. Our aim in all cases is to give our customers the best. Like produces like. Good seeds, good results.**

Try our Mixed Lawn Grass, Per lb., in 1-lb. cartoons, 25c. Per bu,, of 20 lbs., in bulk, $3.50.

We are Springfield agents for Planet, Jr., Garden Tools. Write for Catalogue.

To Merchants—Our method of handling Packet Seed has made money for your competitor. Why not you? Write for terms and prices.

Nothing better for sickly house plants than Springfield Seed Company's Plant food.

If you are interested in Flower Bulbs we would be pleased to have you examine our list. Prices reasonable.

# HIGH GRADE GRASS MIXTURES

FOR THE FARM AND FIELD

Our Permanent Meadow Mixture Compared with Ordinary Grass Crop

**OUR PERMANENT MEADOW MIXTURE**—Most of our Southern and Western farmers have not yet learned that a pasture or meadow of mixed grasses is far superior to clover and timothy alone. All authorities agree that for both pasture and hay best results are obtained from the use of grass seeds in mixture. The reasons are, that: First, a number of species will secure a much denser growth than the same number of seeds of one or two species, and prove less exhausting to the soil, since they live to a large extent on different constituents; seasons that affect some grasses adversely are favorable to other sorts. So that with mixtures a failure is practically impossible, provided, of course, the seed is good. We take great pains in selecting grass seeds, in order to secure the highest germination, and our mixtures are based on a full appreciation of the requirements of the different soils for which they are intended. We have made a study of this subject, and have grass specialists in our employ and can furnish the seed of the best varieties of grasses mixed in proper proportions for any soil or climate. Remember, this mixture is for good, clean, open ground. We solicit correspondence either from prospective buyers or those who have tried our Pasture Mixture, as we take special pride in its success. 1½ bu. to the acre. Price per bu. of 20 lbs., $3.00.

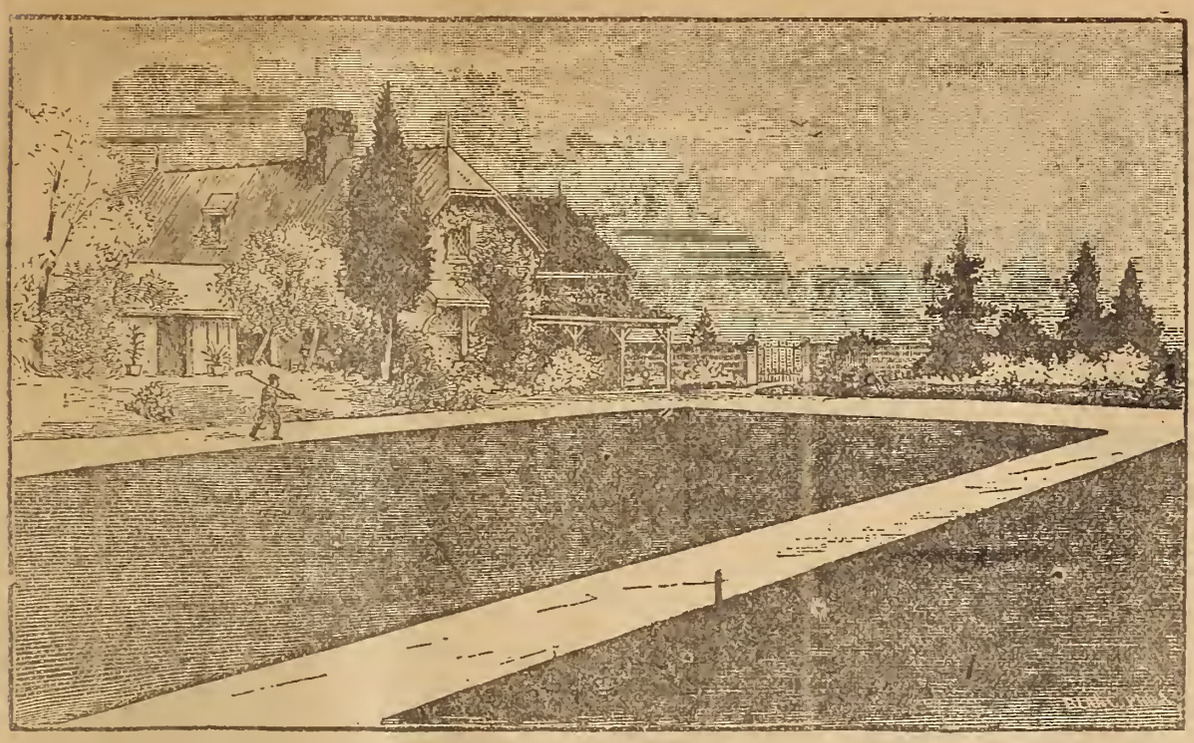
Top Seeding Mixture

**TOP SEEDING MIXTURE**—For rough timber land, especially where land is high and subject to drouth. Containing some twenty different grasses and makes an all year round pasture for your horses and cattle as well as your hogs and sheep. Ask those of your neighbors who tried a few acres last season and we know you will give it a trial, which means good results for you and more business for us next year. Sow one and one-half bushels to the acre. Price per bushel of 20 lbs, $1.00.

Special Offer—Any ten varieties of Flower Seeds, your own selection, 25c, postpaid

Remember, we give you extras with small orders as well as large ones.

## SPRINGFIELD SEED COMPANY'S MIXED LAWN GRASS.



Springfield Seed Company's Mixed Lawn Grass.

After much experimenting we have succeeded in securing a high grade of Mixed Lawn Grass that will withstand heavy tramping and great climatic extremes. We do not hesitate to say that this superior mixture is one of the best on the market. Much quicker results can be secured from a mixture of grasses. It will also withstand more tramping than straight Blue Grass. This mixture is very much in demand by public parks, cemetries and for private use. If you will advise the space to be seeded will furnish special information as to the preparation of the ground, quantity of seed required, etc. Price, per lb, postpaid, 30c. Per bu. of 20 lbs., freight or express, purchaser's expense $3.50

**DAIRY FARMER'S GRASS MIXTURE**—Dairy farmers particularly desire to take a crop of hay off the meadow and have the aftergrowth for pasture, and where the natural grasses are carefully selected with this object in view, this can be successfully done. This mixture is composed of tall, quick-growing grasses for mowing after which the dwarf-growing varieties will cover the ground and furnish grazing until late in the fall. This mixture consists of the best varieties of clover and grass seeds, as Red Clover, Alsike, Orchard Grass, Rye Grass, Meadow Fescue, Tall Meadow Oat Grass. etc. It is a special mixture which will please everyone. Sow 20 lbs. per acre on ordinary soils. Per lb., 25c; 3 lbs. 65c, postpaid. By freight, 22 lbs., $2.50; 50 lbs. $4 75; 100 lbs., $9.25.

## WOODS PASTURE MIXTURE

For new clearings or woods pasture, rough land or stumpy, rocky land in Southern Missouri or Northern Arkansas, we would again recommend our Woods Pasture Mixture. Being especially adapted to lands where straight top seeding is an absolute necessity. Being so proportioned that it catches readily and stays when once a stand is secured. We are assured from experience of the past seasons that we have the right idea in regard to this mixture and cannot recommend it too highly for the purpose. It is a well-ascertained fact that a thicker and more prolonged growth is produced by a mixture of many sorts of grasses than by only one or two. For every different kind and condition of soil there are grasses that are especially suitable. Some sorts do best on high ground and in dry weather; others prefer plenty of moisture. Some mature so early, and others so late, that from the beginning of spring until winter sets in there is no time when one species or another is not at its best. Grass seed may be sown either early in spring or in fall from the first of September to the middle of October in this latitude, etc. Sow one bushel to the acre. Price $2.00 per bushel of 20 lbs.

# HIGH GRADE CLOVER, TIMOTHY AND MISCELLANEOUS SEEDS.

Medium Red Clover.

**MEDIUM RED CLOVER** (or June Clover)—This is the variety in most general use for seeding meadows, pastures and with mixed grasses and Timothy. Too much care cannot be used in selecting Clover Seed, as so many weed seed are of an equal weight and size that it is very hard to remove this foreign matter in cleaning. We wish again to state that we have the most extensive and up-to-date seed-cleaning machinery in this section of the country. We have added improved appliances from time to time until we are now prepared to remove all foreign seeds and to offer you in our high grades, seed that is absolutely pure. We can supply this season either native or Eastern grown Clover Seed, which we offer in the three following grades: Best Grade, Second Grade and Third Grade. Weight, 60 lbs. to the bushel. 8 lbs. to the acre. Price on application.

**MAMMOTH RED CLOVER**, also called Sapling or Pea Vine Clover—It resembles the Medium Red, but is much taller, and of a more vigorous growth. The stems are so large and coarse that it is not valued for hay, but nothiug equals it for hog pasture, as it will produce an enormous yield, of the highest feeding quality. It is also admitted to be the best fertiiizer and subsoiler of all Clovers. If your soil is poor and needs enriching, there is no fertilizer so cheap and good as sowing Mammoth Clover. It is the article for poor soil. 60 lbs. to the bushel. 10 lbs. to the acre Price on application.

Mammoth Clover.

White Dutch Clover.

**WHITE DUTCH CLOVER**—Very desirable for pasture, also used largely for lawns, and is used with excellent results in all mixed grasses where permanent grazing is desired. This latitude is certainly the home of White Clover, as in a great many instances it comes volunteer and does exceedingly well. Our farmers are recognizing the value of White Clover to such an extent that but very few farms can be found without this valuable plant. Seed is very small, and requires only 5 lbs. to sow an acre. Price on application.

**ALSYKE, or Swedish Clover**—This is the hardiest of all Clovers. Well adapted for permanent pasture or hay crop It is a true perennial, producing three good crops the first year and every year thereafter. It thrives equally well on dry or wet soil, or on Clover sick land, and yields a heavy bulk of herbage when other Clovers fail. It is very much liked by cattle or sheep, and is an excellent honey producer. The seed is small, therefore it only requires 6 lbs to the acre. Sow in spring or fall. Write for prices.

**CRIMSON, or Scarlet Clover.** Also called Giant Incarnate (An Annual)—This is a most remarkable annual, of very quick growing habit, very prolific, and indeed one of the grandest Clovers known, and stands without any doubt alone as the best first year cropper. This variety is grown all over Europe and a large portion of this country, and has succeded everywhere tried. Sow 10 lbs. to the acre. 50 lbs. to the bushel. Price on application.

Buy our High Grade, Recleaned Clover Seed—None better.

**ALFALFA, or Lucerene Clover**—A very popular variety in many portions of the country. It is a wonderful hay clover; and under proper management it will yield from ten to twelve tons to the acre All classes of stock are very fond of it. The roots are so enormously long, and grow so deep, that frost cannot heave or throw them out in winter. It is also a drouth-resisting crop. Will take care of itself after the first season. Alfalfa has made many rich farmers. Sow 12 lbs. to the acre. 60 lbs. to the bushel. Price on application.

Alfalfa.

**SAND VETCH, or Winter Vetch**—Succeeds and produces good crops on poor, sandy soil, as well as good land. A comparatively new forage plant, which has proved of the highest value and is highly recommended by the United States Agricultural Department. It is perfectly hardy throughout the United States; remains green all winter. Should be sown in the spring, mixed with Oats, Spring Rye or Barley. It is the earliest crop for cutting, being hardier and nearly a month earlier than Scarlet Clover. Sow one bushel per acre, with one-half bushel of Rye, Oats or Barley. Lb., 25c; 3 lbs., 60c, postpaid; 10 lbs., $1.00; 1 bushel, 60 lbs., $4.00 by freight or express.

**SWEET CLOVER, also called Honey Clover** (Bokhara)—A tall, shrubby plant, bearing innumerable small white flowers. Very valuable for bees. Both leaves and flowers have a delightful fragrance. Beekeepers should not be without it. Lb., 40c, postpaid.

Timothy.

**SANFOIN CLOVER, also called Esparsette**—A deep-rooting perennial, desirable for feeding, either green or dry, to milch cows. It increases quantity and improves quality of milk A very good fodder plant. The seed is usually sown with Oats or Barley, using 30 lbs. of seed to the acre. 20 lbs to the bushel. Price on application.

**Timothy**—This variety is more used than all other tame grasses. No farmer can afford to be without Timothy on his place. The better off a farmer is financially the more Timothy and grasses he has on his farm and the more his wealth increases. More grasses and less corn is what the farmer needs. We are headquarters for the very best re-cleaned seed to be found in the South and Southwest. Our equipment for cleaning Grass Seed has no equal, and we take especial pride in putting on the market the finest grades to be had. Sow ¼ bu. to acre. 45 lbs. to bushel. Price on application.

**EMMER**—A remarkable new grain introduced and brought into use by the German-Russian farmers of the Dakotas. Is highly recommended for culture in semi-arid regions. Is very valuable for fodder or used as forage, and is greatly improved by crossing with Wheat. Per lb., postpaid, 15c; 100 lbs., by freight, $6.00.

Sanfoin Clover.

Springfield Seed Company's Plant Food has no equal as a soil insect destroyer.

We make a specialty of Onion Sets. Write for prices on bushel and large quantities.

Teosinte.

**TEOSINTE**—A fodder plant grown largely in some parts of this country, resembling Corn in appearance; leaves are much longer and broader; the stalks contain sweeter sap. It is an elegant green food for horses and all kinds of stock through the summer. It makes a good dry fodder yielding enormously and being more nutritious and better relished than Corn. It stools out after being cut. Sow in May or June, at the rate of three pounds to the acre, in drills four feet apart. Pkt, 10c; oz, 15c; ¼ lb, 30c; lb, $1.00, postpaid.

**BUCKWHEAT, Japanese** — This new variety has been raised here with good results. It is very early and very productive, yielding as high as 40 bushels to ½ bushel of seed. The kernels are twice the size of any other Buckwheat, a rich dark brown color, and manufactures a superior flour. Ready for cutting a week earlier than Silver Hull. Write for price.

**BUCKWHEAT, Silver Hull**—An old standard sort that ripens earlier than the common varieties of Buckwheat; also is a heavy yielder on all kinds of soil, and seldom affected by drouth. The berry is of a light gray color and the flower is white and more nutritious than that made of a common sort. There is a steady demand for this kind every year, and can be relied upon to produce a good crop in any ordinary season. Price on application.

**BUCKWHEAT, Common**—The old well known sort. All Buckwheats are excellent for bees, producing good honey during the fall season. Price on application.

White Lincoln Oats.

**WHITE LINCOLN OATS**—Our customers know the superiority of this variety, and where introduced it has given the very best results, as to its wonderful productiveness. It has yielded as much as 162 bushels from a single bushel of seed sown. We have this variety grown for us especially for seed purposes, which is kept pure and free from mixture. It has a remarkably stiff straw, standing up well on all kinds of soil. Is very early, and so far proven entirely rust proof. Those who are not familiar with this kind would do well to buy a few bushels. Price on application.

**WALLACE OATS**—A yellow, extra early Oat, well known in our immediate section. In fact it originated with one of our prominent farmers, from whom we secure our stock. Write for prices.

On request, we also quote prices on the following varieties: **Texas Red, White Russian, Red Rust Proof, White Belgian and Golden Giant Oats.**

**CHAMPION BEARDLESS BARLEY**—A new, very superior, early variety; the earliest known, about ten days ahead of all other kinds. A good yielder. Can be handled as easy as Oats. Sow one and one-half bushels to the acre. 48 lbs. to the bushel. Price on application.

We can also quote prices on the following sorts: **Mansury, White Hull and Common Barley.**

**AUSTRALIAN SALT BUSH**—This forage plant, which was introduced a few years ago from Australia, has been grown here with the very best results, and everyone who has tried it speaks very favorably. It is well adapted for alkali soils. The yield is about 20 tons of green fodder to the acre, which will make five tons of hay. One plant will cover 200 or 300 square feet in one season, covering the ground with a matting from six to eight inches thick. It remains green all winter. Sow broadcast in well pulverized soil. Mix seed with ten times its weight of loam, sand, ashes and plaster; cover lightly. Can be sown in a hot-bed or cold frame and be transplanted when two inches high, or sow in rows, eight inches apart in the row and the rows 12 to 20 inches apart. Pkt, 10c; oz, 15c; ¼ lb, 35c; lb, $1.25, postpaid.

Broom Corn.

**BROOM CORN**—There are many farmers who might make this a very profitable crop. An acre will yield about five hundred weight of brush, and nearly 40 bushels of seed, worth nearly as much as Oats for feed. We have a superior strain of Improved Missouri Evergreen, the same we have offered for the past three seasons, and which has given the very best results, viz: Brush of good length, fine and straight, fine color, and always preferred on the market. 46 lbs. to the bushel. 8 to 10 lbs. to the acre. Price on application.

**KAFFIR CORN**—An excellent forage plant. The seed crop also commands a regular market and is excellent for feeding purposes to stock. Is used as meal. When ground makes an excellent substitute for Buckwheat, and the flavor is very similar. Plants are very stocky, erect, and the fodder is much relished by stock. It is a great drouth-resister and never fails to make a crop the dryest seasons. It grows 4 to 6 feet and can be drilled in a continuous row or planted as corn. 50 lbs. to the bushel. 12 lbs to the acre when drilled. About 2 qts. when planted in hills. We consider the White Seeded much the best, but can supply either White or Red. Prices on application.

Kaffir Corn.

**POP CORN, Queen's Golden**—Cob small, ears of large size and of a beautiful golden yellow. Kernels often pop to over an inch in diameter. Can supply the true straight seed stock of this sort and are always in the market for any amount of this variety. Price per lb., postpaid, 15c. 10 lbs., freight or express, purchaser's expense, 50c.

**POP CORN, Rice**—Ears short. Kernels long and pointed. A splendid popping sort. Often called Shoe Peg, Squirrel Tooth, etc. We are also in the market for this variety in any quantity. Per lb., postpaid, 15c. 10 lbs. freight or express, purchaser's expense, 50c. We can also supply Mapledale Prolific, Red Beauty and New Striped.

## RAPE, Dwarf Essex, For Sowing.

There is only one "best" variety of Rape, and that is Dwarf Essex. Do not be deluded into buying inferior grades by unscrupulous dealers or exaggerated advertisements. There is no plant that will give as heavy a yield of forage at such a small cost as this, and its general cultivation would add largely to the profits of American farms. Especially valuable for green manuring and pasture. When fed off by sheep, it will probably do more to restore and make profitable exhausted soils than any other plant. Beware of the worthless annual variety that is often sold, and which is not only worthless for forage, but once planted is liable to become a pernicious weed. Biennial.

**CULTURE**—Prepare the ground as for Turnips, and sow in June or July, with a turnip drill, in rows two and a half feet apart, at the rate of two and a half pounds of seed per acre. It may be sown broadcast at the rate ot five pounds per acre.

Price by mail, lb., 25c; by express or freight, 15c; 10 lbs., 90c; per 100 lbs., $8.00. Sow 5 lbs. to acre.

German Millet

**GERMAN MILLET**—No other grass or forage plant has been able to produce the enormous yield of this plant. It has become the most popular and generally used for all purposes; produces from four to five tons of hay to the acre, and from 60 to 70 bushels of seed. After the harvesting it leaves the ground in a fine condition for wheat. 50 lbs. to the bushel. Sow 25 to 30 lbs. to the acre. Price on application.

**MILLET, Common**—It is an annual grass, with tender, juicy and luxuriant leaves. Very much relished by all kinds of stock. Makes good hay. Sow 35 lbs. to the acre. Price on application.

**HUNGARIAN MILLET**—Can be sown somewhat later than other varieties and is well adapted to dry seasons. It resembles Millet very much, is of finer growth and makes an excellent hay. Sow 25 lbs. to the acre. 48 lbs. to the bushel. Price on application.

**HOG MILLET, or Manitoba**—Has proven itself to be one of the most valuable Millets grown for hog pasture. Seed about double the size of German Millet. It is very rich, and especially valuable as a hog food. It ripens about two weeks earlier. Grows about four feet high. Sow 25 lbs. to the acre. Price on application.

**SIBERIAN MILLET**—A new and very prolific variety. Resists drouth, chinch bugs do not care for it, it stools abundantly, consequently a very heavy cropper. Hay much finer, stalks more elastic and growing much taller than German Millet, and only requires 20 lbs of seed to the acre. Price on application.

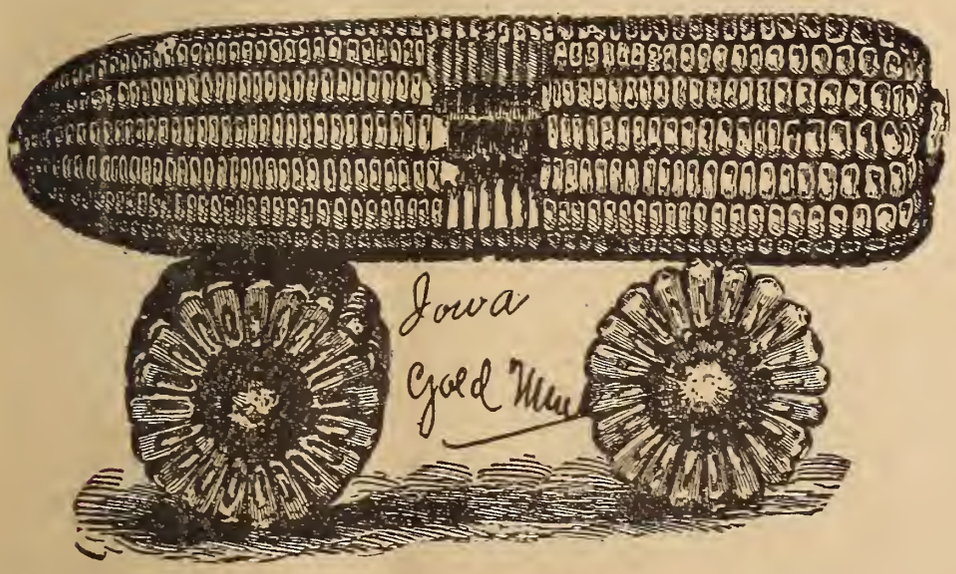
**CANE, Early Amber Sugar**—All kinds of stock are exceedingly fond of it, and nearly every farmer over the county realises that it is one of the best green fodder plants that can be procured. Its earliness adapts it to almost every section of country, and its enormous yield, often reaching 25 to 30 bushels of seed, and as high as 150 to 225 gallons of syrup per acre. It is of dwarf habit and early maturity. Cattle will eat the fodder very much cleaner than some of the larger growing varieties. Has been known to yield fifty tons to the acre. For fodder sow broadcast or drill at the rate of one and one-half bushels to the acre. 50 lbs. to the bushel. Price on application.

Amber Cane.

**CANE, Orange**—A well known variety, well adapted for the South and West. Ten to fifteen days later than Early Amber; equally as good for syrups. Write for prices.

## SELECTED SEED CORN.

**Improved Leaming**—Ninety-Day Corn. This is one of the earliest varieties of Yellow Dent Corn in cultivation, with an established reputation as a wonderful cropper. The ears are large and handsome, with deep, large grain, orange yellow color and red cob, producing two good ears each. Leaming has been known to yield 125 bushels to the acre. Price on application.




**Iowa Gold Mine**—This grand variety is an improved strain of Pride of the North. It is early ripening, being much larger but a little later. The ears are of good size and shape and of a bright golden yellow color. It has been a favorite among stock feeders, from the fact that the cob is small, grain soft and very deep. Seventy pounds of ear corn will make sixty pounds of shelled corn. Price on application.

**Improved Golden Beauty**—For general planting we know of no other variety that will give better satisfaction than the big, handsome Golden Beauty. It is the largest grained Dent Corn in cultivation we have seen. The ear is perfect in shape, with ten to fourteen straight rows of golden yellow grains, cob small, and is sure to please every farmer who grows it. The heaviest cropper we have ever handled.

**Legal Tender**—A new large yellow Corn, with excellent heavy ears, deep grain and small cob. This variety is also called the Premium Taker, and we can justly say that no other variety grown has taken the number of premiums at state and county fairs as this sort. It has from 16 to 20 rows, matures in about one hundred and ten days.

**Champion White Pearl**—Matures in one hundred days. The ears are of good size, 16 rows, and very heavy. Has proven itself to be a good Corn to withstand heat and drouth. The grains are pure white, very deep, compact and heavy: two grains will more than span the cob, which is very small. By a test seventy ears weighed 87½ pounds, of which the cobs alone weighed only seven pounds. It makes a superior quality of corn meal and grades No. 1 white in any market.

**Iowa Silver Mine**—Ninety-day Corn. Stalks grow to a height of seven to eight feet and set the ears about three and a half feet from the ground. It has not a large growth of fodder, having been bred essentially for grain, though it has plenty of blades to support the growth and is as well rooted as any corn grown. The ears measure from ten to twelve inches in length and often weigh over 1½ pounds. They are uniform in size and shape, with sixteen to twenty straight rows of deep, pure white kernels, on small white cob. It is ready for the market earlier than any white corn grown. Seventy pounds of this corn in the ear will make sixty-two pounds shelled.

**Hickory King, the Hominy Corn**—A grand old time variety, especially fine for milling purposes. The smallest cob compared with the size of the ear of any corn grown. It yields greater, and is unquestionably the most productive white field corn. A single grain will completely cover the end of the cob when broken in half. It shells and shucks easily, and will make more shelled corn to a given bulk of ears than any other variety.

**Prices on all varieties of Seed Corn furnished on application.**

Soja Bean.

**SOJA BEAN** (Coffee Berry)—During recent years this variety has been largely sold under the name of German Coffee Berry. The berries, or beans ripen in about four months from the time of planting, and produce a crop of twenty to thirty bushels to the acre. Its great value, however, is as a forage crop, for fertilizing the soil, and for pasturing and feeding the green fodder The dry beans, roasted and ground, resemble and taste very much like coffee. Price on application.

**COW PEAS**—Highly valued in the South for a forage crop; in fact, it is to the South what clover is to the North. The crop can be used to best advantage by cutting and feeding while in a green state; its feeding qualities are very high, and as a soil renovator and fertilizer it is quite equal to clover. The dry peas ground make a very rich food for cattle. Sow either broadcast or in drills, covering the seed from two to three inches, plant after the ground is warm, as the peas rot very readily in cold wet soil. When sown broadcast use from one to two bushels of seed to the acre. If in drills, half the quantity is enough. We make a specialty of Cow Peas, and will supply this season almost all the known varieties. The standard sorts are **Blacks, Clays, Black-Eyed and Whippoorwills,** but for all purposes the Whippoorwill leads them all. Prices on application.

**CANADA FIELD PEAS AND OATS, For Fodder**—This makes a fodder and hay which in every case doubles the production of milk. The Canada Field Pea is the best for this purpose. They should be sown early in April, two bushels of Peas and two bushels of Oats to the acre. The Peas should be sown first and when about four inches high sow the Oats and harrow in. They will be ready for cutting about July 1st, when the Oats are in milk and the pods formed on the Peas. Price on application.

**VELVET BEAN** (Dolichos Multiflorus)—This new Bean is becoming very popular in the South and Middle North. It is very prolific, vines being over twenty feet long. Both vines and pods are eaten by all kinds of stock. An excellent fertilizing plant for plowing under. Should be planted in rows about four feet apart, and one foot apart in the row, putting two or three Beans in each place. Beans grow in huge clusters, from fifteen to twenty pods, and often more, in a single cluster, and over 1,000 Beans on a vine. Price on application.

TO MERCHANTS ONLY—Write for our Wholesale Price List on Bulk Garden Seed, put up in lithographed jars. No charge for jars. We also give you a nickel-plated high grade Seed Scale, free.

# BEE KEEPERS' SUPPLIES.

On account of the nice margin that has developed to the bee keeper we have decided to handle this part of our trade on a much more extensive and complete scale than heretofore. We have arranged to handle the celebrated Root Dove-Tailed Hives and supplies in car lots, and are now agents in this territory for their goods, and can quote this material to special advantage. If interested in these goods write for our complete Catalogue of Bee Keepers' Supplies.

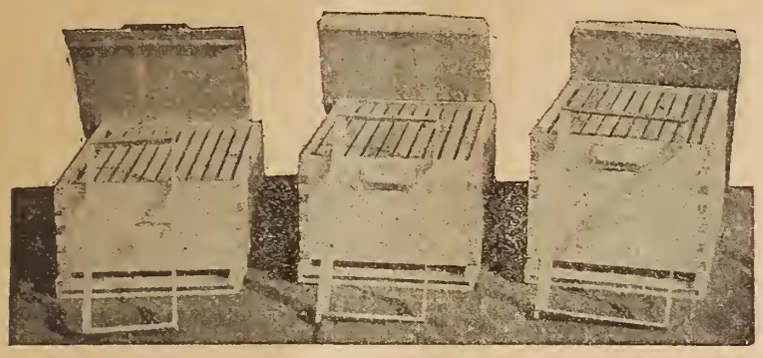


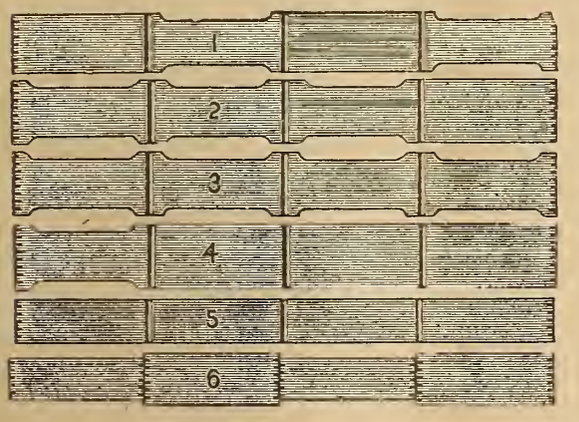
Fig 312. Danz. A. D. 5—Hive. A. E. 5—10 Hive. A. E. 15—Jumbo.

**OUR THREE DEPTHS OF DOVE-TAILED HIVES**—In the illustration (Fig. 312) there is first a Danzenbaker brood-nest, which is nothing more nor less than the 10-frame Langstroth hive cut down in depth, so that the brood-nest is only 7⅞ inches Next we have a Langstroth of standard depth, or 9⅝ inches, and last the Langstroth of extra depth, or what we shall call the "Jumbo Hive," all taking the same supers, same covers, and same bottom-boards, the only difference being in the brood-frame. While some large-colony advocates may prefer two Danzenbaker Hives, one on top of the other, others will prefer that the bees be confined in one large brood-nest. So we believe we are able to accommodate not only all kinds of localities, but Bee Keepers of every shade of opinion. Prices on application.

**THE DANZENBAKER HIVE**—This hive is rapidly gaining favor, especially in the Eastern States, where tall sections and closed-end frames are used to a considerable extent. And within the last year or so the Danzenbaker system has been working its way into California, Oregon, and even Cuba. At the Paris Exposition the hive was awarded a gold medal, and in some of the honey exhibits in this country the comb honey from it has carried off the first prize Prices on application.

**We are in position to furnish you with anything in the way of Bee Supplies.**

Danzenbaker Hive




Sections.

## DIFFERENT STYLES OF SECTIONS.

**Style 1**—Open top and bottom. Has been the most common pattern.

**Style 2**—Open three sides. Highly recommended.

**Style 3**—Open on four sides.

**Style 4**—Closed top, is open on one side only.

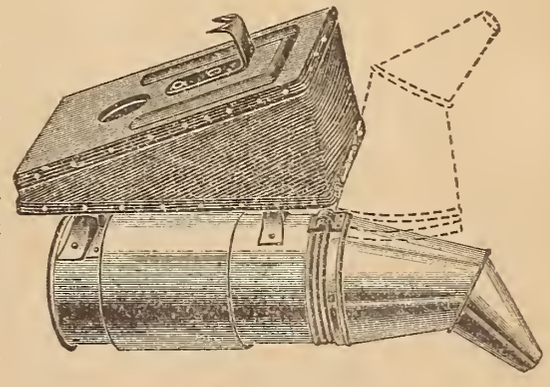
**Style 5**—Plain, no beeway, used with fences or cleated separators.

**Style 6**—Dove-tailed all around and open top and bottom.

Prices on application.

**THE CORNELL BEE SMOKER**—This is a first-class, reliable Smoker at a medium price. It is of good capacity, 3¼-inch barrel, strongly made and well finished. The top is hinged, so that it can be thrown back (see dotted lines in the cut) and the fire cup replenished without burning the fingers. The hinge is of light malleable iron and the working parts are milled to an exact fit, so that the curved snout will fall back squarely in position Prices on application.

**CARLIN'S FOUNDATION CUTTER**—These are very convenient for cutting a great number of small pieces, one sheet at a time. The wheel should be kept hot by occasional immersing in hot water. We prefer, however, for larger work, to cut a board the size wanted and lay it on a pile of half a dozen sheets or more, then, with a sharp, round-pointed knife, cut with repeated strokes round the board. If the wax is of the proper temperature, and you keep your tool well lubricated, you can, with practice, do it rapidly and nicely. Prices on application.



Cornell Bee Smoker.

# FERTILIZERS.

## A Few Important Pointers.

The labor of growing 35 to 40 bushels of wheat to the acre is no more than if the yield is only ten bushels, and the same is true of all other crops. Fertilizers increase the yield. Every crop which pays for cultivation on rich soils may be profitably fertilized on poorer soils. Land worth $50.00 per acre should at 6 per cent. pay $3.00 per year interest on the money invested, beside good returns for labor bestowed, while land worth $10.00 should pay at the same interest rate only 60 cents. The difference in interest, $2.40, applied, in well selected fertilizers annually, or three times the amount, $7.20, every third year, will make the poor soil as fertile as the other, and in many cases much more so. This, of course, applies without reference to kind of crop. The most profitable grain from fertilizing comes, however, from crops which possess the greatest money value.

We offer, subject to market changes, F. O. B. Springfield :

| | |
|---|---|
| Raw Ground Bone Meal | $28.00 per ton, $1.50 per 100. |
| Acidulated Bone and Potash | $25.00 per ton, $1.40 per 100. |
| Potash Grower | $24.00 per ton, $1.40 per 100. |
| Land Plaster | $20 00 per ton, $1.25 per 100. |
| Ammoniated Bone, Blood and Potash | $25.00 per ton, $1.40 per 100. |
| Guano | $26.00 per ton, $1.50 per 100. |

**Write for Our Hand Book on Fertilizers.**

# EASY GARDEN CULTIVATOR.

IT DOES ITS OWN TALKING.

NO. 2.

The only Cultivator that all propelling force goes direct to wheel.

By a simple sliding-slot, the handle is made to raise or lower for man or child.

Tools are all made of the best spring steel and can be used for different purposes. So cheap in price that every home should have one.

**No. 1** has a 15-inch wheel, to axle of which are attached the arch and handle, with a flat spring extending from arch to the handle. Made to suit those who want a moderate price plow.

PRICE.

| | |
|---|---|
| No. 1—With Diamond and Bull Tongue | $2.75 |
| No. 1—With Turning Plow and Bull Tongue | $3.00 |

**No. 2** consists of a 16-inch steel wheel with arches and handle attached to axle as shown in cut. A tempered steel spring extends from each arch to slot on handle, by means of which we make a perfect adjustable handle. Has a tool on each side of arch, and by turning over the handle can use one or the other.

PRICE.

| | |
|---|---|
| No. 2—With Diamond and Bull Tongue | $3.50 |
| No. 2—With Turning Plow and any two other attachments | $4.00 |
| No. 2—With all attachments as shown in cut | $4.25 |

## WEIGHT OF VARIOUS ARTICLES.

| | Per bush. |
|---|---|
| Apples | 48 lbs. |
| " dried | 22 " |
| Barley | 48 " |
| Bush Beans | 60 " |
| Pole Beans | 56 " |
| Buckwheat | 52 " |
| Blue Grass, Kentucky | 14 " |
| " " English | 20 " |
| Bran | 20 " |
| Canary Seed | 60 " |
| Clover Seed | 60 " |
| Corn, Field, shelled | 56 " |
| " " on ear | 70 " |

| | Per bush. |
|---|---|
| Corn, Sweet, sold by measured bushel. | |
| Corn Meal | 50 lbs. |
| Cranberries | 40 " |
| Dried Peaches | 28 " |
| Flax Seed | 56 " |
| Hemp Seed | 44 " |
| Hungarian | 48 " |
| Millet | 50 " |
| Oats | 32 " |
| Onions | 57 " |
| Orchard Grass | 14 " |
| Osage Orange | 33 " |
| Peach Pits | 50 " |

| | Per bush. |
|---|---|
| Peas, smooth | 60 " |
| Peas wrinkled | 56 lbs. |
| Perennial Rye Grass | 20 " |
| Potatoes, (heaping measure | 60 " |
| Rape | 50 " |
| Rye | 56 " |
| Red Top | 14 " |
| Salt, Coarse | 50 " |
| " Michigan | 56 " |
| Sweet Potatoes, about | 56 " |
| Timothy Seed | 45 " |
| Turnips | 58 " |
| Wheat | 60 " |

| | Per bbl. |
|---|---|
| Flour, per bbl., net | 196 " |
| Salt, per bbl. | 280 lbs. |

WEIGHT PER CUBIC FOOT.

| | |
|---|---|
| Hay, well settled | 4½ lbs |
| Corn, on cob in bin | 22 " |
| " shelled, " | 45 " |
| Wheat, " | 48 " |
| Oats, " | 25½ " |
| Potatoes, " | 38½ " |

# "PLANET JR." GARDEN TOOLS.

"Planet Jr." Garden Tools are becoming so well known that it is superfluous to speak of their merits. To those of our friends who are unfamiliar with the many advantages they offer for the farm and garden, we would request that you send for our Special Catalogue, elegantly illustrating the many uses to which they may be put.

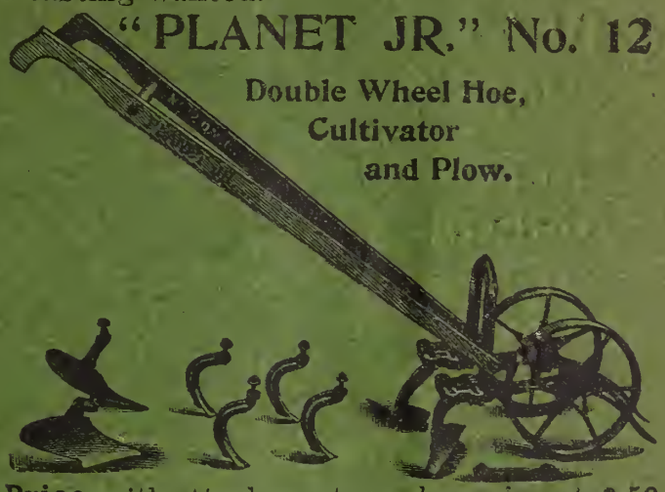
To those who are using "Planet Jr." goods, we wish to say we are carrying this season a line of extra attachments. In case of breakage or accident, order from us and avoid delay.

In ordering supplies, always give number of casting wanted.

**"Planet Jr." No. 1 Combined Drill, Wheel Hoe, Cultivator and Plow**—It has a complete set of cultivating tools, and all its work is rapid, easy, perfect and delightful. When used as a drill, the seed is sown with great regularity and at a uniform depth, regulated at pleasure. The hopper holds one quart. From a drill it is changed into its other uses by unscrewing but two bolts, when any of the attachments shown in the cut can be quickly attached. **Price, $9.50**

## "PLANET JR." No. 12

**Double Wheel Hoe, Cultivator and Plow.**



**Price,** with attachments as shown in cut, **6.50**

**Plain Double Wheel Hoe,** plan being the same as No. 12, but having only the two hoes or scrapers; an invaluable tool in the culture of Onions, Beets, etc. **Price, $4.50**

**No. 16. Single Wheel Hoe**—This tool has two hoes or scrapers, three cultivator teeth, one pair rakes, one large plow. No home garden should be without one of these tools. **Price, complete** ..... **$5.50**

**We Will Furnish Catalogue of "Planet Jr." Garden Tools, Cultivators, etc., on Application.**

# THE "RAPID-EASY" GARDEN WEEDER.

**A New Hand Implement Which, for Speed and Easy Work at Killing Weeds, Eclipses Everything.**

The blade is eight inches long, two inches wide, and of fine shovel steel, zig-zig in shape and double-edged, to cut either when pushed or pulled through the soil. Edges are beveled like those of mowing-machine knives, upturned ends of the blades are two inches high, also two-edged, beveled on inside. The hardwood handle is five feet long.

It slips easily through the ground, either when pulled or pushed. It can be run close to a row of plants without cutting them. Works easier than a hoe and much faster. It is light, strong, durable and cheap.

**By Express, 75 Cents.**

**More Work Can be Done in One Hour With It Than With a Hoe in Three.**

## OLMSTEAD'S MOLE TRAP.

**It Catches Them..... Price, Each, $1.25**

## HAMMOND'S SLUG SHOT

Has been recognized for the past twenty-five years as the best insecticide on the market. Per lb., postpaid, 15c; 5 lbs., by express, not prepaid, 35c.

## PREMIER SEED SOWER.

This Seeder just coming on the market is sure to be a winner. Combining lightness, durability and simplicity, easily adjusted to sow a given quantity of any seeds, from light Grasses to Cane and Millet.

**Price, Securely Packed by Express, $1.15.**

AS GOOD AS THE BEST

BETTER THAN THE REST.

1904

SPRINGFIELD SEED COMPANY.

Garden Seeds.

COR. CAMPBELL & WALNUT STS.

Flower Seeds.

SPRINGFIELD, MO. U.S.A.

Field Seeds.